

#### GSX13

#### SPLIT SYSTEM AIR CONDITIONER 13 SEER / 1½ to 5 Tons

COOLING CAPACITY: 18,000 - 60,000 BTU/H

Nomenclature ...... 2 Expanded Cooling Data ...... 4 AHRI Ratings......22 Dimensions ...... 39 Wiring Diagrams ......40 Accessories ...... 44

**Contents** 



- **Standard Features** R-410A chlorine-free refrigerant
- **Energy-efficient compressor**
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- **AHRI Certified**
- **ETL Listed**

#### **Cabinet Features**

- Goodman® brand louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)





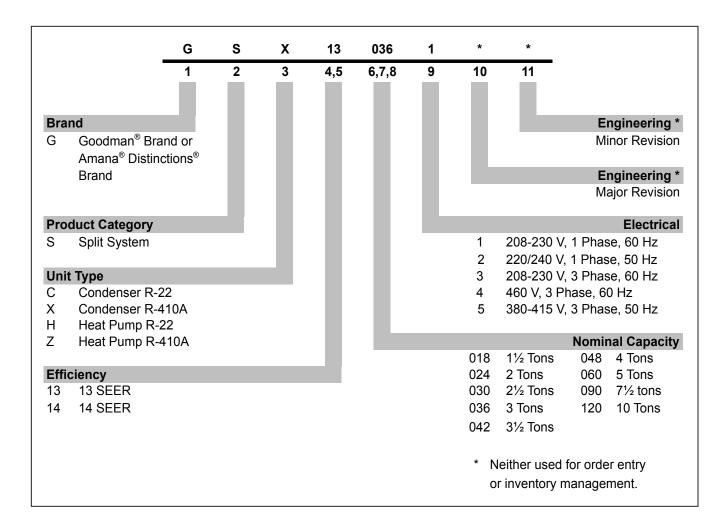








#### **Nomenclature**







#### **SPECIFICATIONS**

	GSX13 0181E*	GSX13 0241D*	GSX13 0301B*	GSX13 0361C*	GSX13 0361E*	GSX13 0421B*	GSX13 0481B*	GSX13 0601B*	GSX13 0611A*
CAPACITIES									
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000	60,000
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13/11
Decibels	75	75	73	74	74	75	76	77	72
COMPRESSOR									
RLA	6.7	13.5	12.8	14.1	14.1	17.9	19.9	25.0	26.4
LRA	41	58.3	64	77	77	112	109	134	134
CONDENSER FAN MOTOR									
Horsepower	1/8	1/8	1/8	1/6	1/4	1/4	1/4	1/4	1/4
FLA	0.7	0.7	0.7	1.1	1.5	1.5	1.5	1.5	1.5
REFRIGERATION SYSTEM									
Refrigerant Line Size <sup>1</sup>									
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	%"	7∕8"	1%"	1%"	1%"	7∕8"
Refrigerant Connection Size									
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) 4 5	3/4"	3/4"	3/4"	3/4" 4	3/4" 4	7⁄8" <sup>5</sup>	7⁄8" <sup>5</sup>	7⁄8" <sup>5</sup>	3/4"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	73	76	78	89	75	90	104	111	130
Shipped with Orifice Size	0.051	0.057	0.061	0.070	0.070	0.076	0.080	0.086	0.086
ELECTRICAL DATA									
Voltage	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity <sup>2</sup>	9.1	17.6	16.7	18.7	19.1	23.9	26.4	32.8	34.5
Max. Overcurrent Protection <sup>3</sup>	15 amps	30 amps	25 amps	30 amps	30 amps	40 amps	45 amps	50 amps	60 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"					
EQUIPMENT WEIGHT (LBS)	106	113	142	139	139	188	191	207	284
SHIP WEIGHT (LBS)	120	130	159	157	157	206	209	225	301

<sup>&</sup>lt;sup>1</sup> Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

#### NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of \%" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

<sup>&</sup>lt;sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>&</sup>lt;sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

 $<sup>^4</sup>$   $\,$  Installer will need to supply  $3\!\!\!/4''$  to  $7\!\!\!/8''$  adapters for suction line connections.

 $<sup>^{5}</sup>$   $\,$  Installer will need to supply %'' to 1%'' adapters for suction line connections.

#### EXPANDED COOLING DATA — GSX130181E\* / CAPF1824B6DB

												Ö	OUTDOOR AMBIENT TEMPERATURE	AMBIE	VT TEME	FRATUE	"									
				65	9±59				75ºF			8	85ºF			95≗F	片			105ºF	7.			115ºF	L	
												ENTERI	ING INDOOR WET BULB	JOR WE	T BULB	TEMPERATURI	ATURE									
IDB	AIR	FLOW	59	63	29	71	59	_	67	71	29	63	67	71	59	63	67	71	59	63	67	71	59	63	29	71
		MBh	15.6	16.2	17.7		15.3			1	14.9	15.4	16.9	1	14.5	15.1	16.5	-	13.8	14.3	15.7				14.5	
		S/T	0.70	0.59	0.41	•	0.73		0.42	1	0.75	0.62	0.43	,	0.77	0.64	0.45	_	0.80	0.67	0.46	<u> </u>	0.81	_	0.47	'
		ΔT	19.3	16.7	12.7	•	19.5			1	19.5	16.9	12.8	,	19.6	17.0	12.9	,	19.4	16.8	12.7		18.1	15.7	11.9	
	525	Α×	1.02	1.04	1.08	•	1.11			1	1.18	1.21	1.25	_	1.25	1.28	1.32	_	1.30	1.33	1.38		1.35	1.38	1.43	'
	_	Amps	4.3	4.4	4.5	٠	4.6			1	2.0	5.1	5.3	_	5.4	5.5	5.7	_	5.7	5.8	0.9	_		6.2	6.4	'
		Hi PR	203	219	231	•	228			1	259	279	294	,	295	318	335	,	332	357	377	-		395	417	- 1
		Lo PR   10	102	109	119	'	108	115	126	1	113	120	131	-	118	126	137	-	124	132	144	-		136	149	'
		MBh	16.4	17.0	18.7		16.0			1	15.7	16.2	17.8	,	15.3	15.8	17.4	-	14.5	15.0	16.5	,		13.9	15.3	'
		S/T	0.71	09.0	0.41	1	0.74			1	0.76	0.63	0.44	,	0.78	0.65	0.45	,	0.81	0.68	0.47	-			0.47	1
		ΤΔ	18.0	15.6	11.8	1	18.2			1	18.2	15.8	12.0	_	18.4	15.9	12.1	_	18.1	15.7	11.9		16.9	14.6	11.1	1
20	900	Χ×	1.03	1.06	1.09	1	1.12			1	1.19	1.22	1.27	1	1.26	1.29	1.34	,	1.32	1.35	1.40	1		1.40	1.45	1
		Amps	4.3	4.4	4.6	•	4.7			1	5.1	5.2	5.4	,	5.4	9.9	5.7	,	5.8	5.9	6.1			6.3	6.5	1
		Hi PR	206	221	234	1	231			1	263	283	298	-	299	322	340	-	336	362	382			400	422	1
		Lo PR	104	110	121	'	110			1	114	121	132	-	120	127	139	-	126	134	146	1		138	151	1
		MBh	16.9	17.6	19.2		16.5			1	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0				15.7	1
		S/T	0.73	0.61	0.42	1	0.76			1	0.78	0.65	0.45	1	0.80	0.67	0.46	_	0.83	69.0	0.48	<u> </u>	0.84 (		0.48	1
		ΔT	17.5	15.1	11.5	•	17.7			1	17.7	15.3	11.6	1	17.8	15.4	11.7	,	17.6	15.2	11.6	'			10.8	1
	650	×	1.05	1.07	1.11	1	1.14			ı	1.21	1.24	1.29	ı	1.28	1.31	1.36	,	1.34	1.37	1.42	,		1.42	1.47	1
		Amps	4.4	4.5	4.6	1	4.7			1	5.2	5.3	5.5	1	5.5	5.6	2.8	,	5.9	0.9	6.2	1	6.2	6.4	9.9	1
		Hi PR	209	225	238	•	235		267	•	267	287	304		304	327	346	,	342	368	389	1	378	407	430	1
		Lo PR	106	112	123	-	112			۱	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	1
	ļ										ļ											•				
		MBh	15.9	16.4	17.7	19.0					15.2	15.6	16.9	18.1	14.8	15.2	16.5	17.7	14.0	14.5					14.5	15.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92		0.62	0.40
		ΤΔ	22.3	20.5	16.8	11.6					22.6	20.8	17.0	11.7	22.7	20.9	17.1	11.8	22.4	20.6			50.9	19.3	15.8	10
	525	Š	1.03	1.05	1.09	1.13	_				1.19	1.22	1.26	1.31	1.26	1.29	1.33	1.38	1.32	1.35			1.36	1.40	1.45	1.5
		Amps	4.3	4.4	4.6	4.7					5.1	5.2	5.4	5.6	5.4	5.5	2.7	5.9	2.8	5.9			6.1		6.5	9
		Hi PR	205	221	233	243	_				797	282	297	310	298	321	339	353	335	361		_	371		421	43
		Lo PR	104	110	120	128	$\dashv$				114	121	132	141	119	127	139	148	125	133		-	129	138	150	16
		MBh	16.7	17.2	18.6	20.0					15.9	16.4	17.8	19.1	15.5	16.0	17.3	18.6	14.8	15.2			13.7		15.2	16.4
		S/T	0.81	0.73	0.55	0.35					0.86	0.77	0.58	0.38	0.89	0.80	09.0	0.39	0.92	0.83					0.63	0.4
		ΤΔ	20.8	19.1	15.7	10.8					21.1	19.4	15.9	11.0	21.2	19.5	16.0	11.1	20.9	19.3		_		18.0	14.7	10.2
1	0	1,111	,	,	,	,	-				,	, ,	000	, ,	707	7	10.	7	, ,	1 20		_			77	

MBH   155   164   17, 190   155   160   173   186   152   156   156   187   186   187   186   187   186   187   188   187   188   187   188   187   188   188   187   188	fan)	comp.+	t amps (	Amps = outdoor unit amps (comp.+fan	s = outc	Amb						S	shaded area reflects ACCA (TVA) conditions	A (TVA)	ects ACC	rea refle	Shaded							erature	alb Temp	IDB: Entering Indoor Drv Bulb Temperature	ering Ind	IDB: Ent
557         MBh         159         16.4         17.7         190         15.5         16.0         17.3         18.6         15.2         16.0         18.7         18.0         18.5         16.0         17.3         18.6         18.2         16.0         18.7         18.0         18.5         18.6         18.6         18.6         18.0         18.6         18.2         18.6         18.9         18.8         18.7         18.0         18.7         18.0         18.	55				133	160	150	137	129	152	143	131	123	145	136	125	117	139	131	120	113	132	124	114	107	Lo PR		
557         MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.5         16.9         18.7         16.0         17.3         18.6         15.5         16.9         18.7         16.0         17.3         18.6         15.0         18.7         18.6         15.9         18.7         18.0         1			•	•		410	393	372	346	364	349	331	307	320	307	290	270	281	270	255	237	251	240	228	211	Hi PR		
MBh   15.9   16.4   17.7   19.0   15.5   16.0   17.3   18.6   18.2   18.6   18.1   18.1   18.2   18.6   18.2   18.6   18.1   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   18.6   18.2   1	6					6.5	6.3	6.1	5.9	6.1	5.9	2.7	5.6	5.7	5.5	5.3	5.2	5.3	5.1	4.9	4.8	4.9	4.7	4.5	4.4	Amps		
55.         MBH         15.9         16.0         17.3         18.6         15.2         15.6         18.1         18.6         18.2         18.6         18.9         18.6         18.9         18.6         18.9         18.9         18.0         17.3         18.6         18.2         15.6         18.9         1	24	•				1.48	1.43	1.38	1.35	1.42	1.37	1.32	1.29	1.34	1.30	1.25	1.22	1.26	1.21	1.17	1.15	1.16	1.12	1.08	1.06	Κ	650	
525         KW         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.2         15.6         16.9         18.1         14.8         15.2         16.5         17.7         14.0         14.5         15.7         14.0         14.5         15.7         14.0         14.5         15.7         16.0         17.3         18.6         15.2         15.0         17.1         11.8         12.4         16.0         16.0         17.0         17.1         11.8         12.4         16.0         16.0         17.1         11.8         12.4         16.0         17.1         11.8         12.2         12.0         17.1         11.8         12.2         12.0         13.0         13.2         12.0         13.0         13.2         12.2         12.0         13.1         12.2         12	6					10.6	15.3	18.7	20.3	10.7	15.5	19.0	20.6	10.7	15.4	18.8	20.5	10.7	15.4	18.8	20.4	10.5	15.2	18.6	20.2	ΔT		
<ul> <li>MBh</li> <li>557</li> <li>680</li> <li>772</li> <li>680</li> <li>772</li> <li>680</li> <li>773</li> <li>886</li> <li>875</li> <li>876</li> <li>875</li> <li>876</li> <li>877</li> <li>880</li> <li>877</li> <li>877</li> <li>880</li> <li>877</li> <li>879</li> <li>871</li> <li>872</li> <li>872</li> <li>873</li> <li>873</li></ul>	11					0.41	0.64	0.84	0.94	0.40	0.62	0.81	0.91	0.38	0.60	0.79	0.88	0.37	0.58	0.77	98.0	0.36	0.56	0.74	0.83	S/T		
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.2         15.6         16.9         18.1         14.8         15.0         16.7         17.0         18.0         17.0         18.0         17.0         18.0         18.0         18.0         17.0         18.0	6				<u> </u>	18.2	17.0	15.7	15.2	19.2	17.9	16.5	16.0	19.6	18.3	16.9	16.4	20.1	18.7	17.3	16.8	20.6	19.2	17.7	17.2	MBh		
527         MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.0         16.5         18.0         17.7         19.0         15.5         16.0         17.2         16.9         18.1         14.5         16.0         17.3         18.0         16.5         17.0         17.7         19.0         18.2         18.0         17.0         11.7         22.7         20.9         0.38         0.91         0.81         0.92         0.82         0.92         0.93         0	12				131	157	147	135	127	150	141	129	121	142	134	123	115	137	129	118	111	130	122	112	105	Lo PR		
525         kWB         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.2         16.9         18.1         14.8         15.2         16.5         17.7         14.0         14.5         15.7         16.0         17.3         18.6         15.2         16.9         18.1         14.6         17.7         19.0         15.5         16.0         17.3         18.6         18.1         11.7         22.7         20.9         17.1         11.8         22.4         20.6         16.9         11.7         22.2         20.9         17.1         11.8         22.4         20.6         16.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         17.1         11.8         22.7         20.9         23.1         23.2         2	<del>آ</del>				_	403	386	366	340	358	343	325	302	314	301	285	265	276	265	251	233	246	236	224	208	Hi PR		
525         kW         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.2         15.6         18.1         18.1         18.1         18.1         18.1         18.2         15.2         15.0         18.1         18.2         15.2         15.0         18.2         15.2         15.0         18.2         15.2         15.0         18.2         15.0         18.2         28.2         28.2         28	∞					6.4	6.2	0.9	5.8	0.9	5.8	2.6	5.5	5.6	5.4	5.2	5.1	5.2	5.0	4.8	4.7	4.8	4.6	4.5	4.4	Amps		
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.7         14.6         15.7         16.9         18.1         14.5         15.0         16.5         17.7         14.0         14.5         15.7         16.9         18.1         14.5         15.7         16.9         18.0         13.2         16.5         16.5         17.1         14.5         15.7         16.9         18.0 <th< th=""><th>25</th><th></th><th></th><th></th><th>_</th><th>1.46</th><th>1.41</th><th>1.36</th><th>1.33</th><th>1.40</th><th>1.35</th><th>1.30</th><th>1.27</th><th>1.32</th><th>1.28</th><th>1.23</th><th>1.21</th><th>1.24</th><th>1.20</th><th>1.16</th><th>1.13</th><th>1.14</th><th>1.10</th><th>1.07</th><th>1.04</th><th>ΚW</th><th>009</th><th>75</th></th<>	25				_	1.46	1.41	1.36	1.33	1.40	1.35	1.30	1.27	1.32	1.28	1.23	1.21	1.24	1.20	1.16	1.13	1.14	1.10	1.07	1.04	ΚW	009	75
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.7         14.5         15.7         16.0         17.7         18.6         15.2         16.9         18.7         14.5         15.7         16.9         18.7         14.5         15.7         16.9         18.7         16.9         18.1         15.2         16.9         18.7         14.5         15.7         16.9         18.0 <th< th=""><th>-2</th><th></th><th></th><th></th><th></th><th>10.9</th><th>15.8</th><th>19.3</th><th>20.9</th><th>11.1</th><th>16.0</th><th>19.5</th><th>21.2</th><th>11.0</th><th>15.9</th><th>19.4</th><th>21.1</th><th>11.0</th><th>15.9</th><th>19.4</th><th>21.0</th><th>10.8</th><th>15.7</th><th>19.1</th><th>20.8</th><th>ΤΔ</th><th></th><th>_</th></th<>	-2					10.9	15.8	19.3	20.9	11.1	16.0	19.5	21.2	11.0	15.9	19.4	21.1	11.0	15.9	19.4	21.0	10.8	15.7	19.1	20.8	ΤΔ		_
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.7         14.6         15.7         16.9         18.1         14.5         15.7         16.9         18.1         14.5         15.7         16.9         18.0         14.5         15.7         16.9         18.0         18.1         14.5         15.7         16.9         18.0 <th< th=""><th>41</th><th></th><th></th><th></th><th>_</th><th>0.40</th><th>0.63</th><th>0.83</th><th>0.92</th><th>0.39</th><th>0.60</th><th>0.80</th><th>0.89</th><th>0.38</th><th>0.58</th><th>0.77</th><th>0.86</th><th>0.37</th><th>0.57</th><th>0.75</th><th>0.84</th><th>0.35</th><th>0.55</th><th>0.73</th><th>0.81</th><th>S/T</th><th></th><th>_</th></th<>	41				_	0.40	0.63	0.83	0.92	0.39	0.60	0.80	0.89	0.38	0.58	0.77	0.86	0.37	0.57	0.75	0.84	0.35	0.55	0.73	0.81	S/T		_
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.7         14.6         15.7         16.9         18.1         14.5         15.7         16.9         18.1         18.1         18.1         18.2         16.5         17.7         14.0         14.5         15.7         16.8         13.0         13.4         14.5         15.7         16.8         13.0         13.4         14.5         15.0         13.7         16.8         13.0         13.2         16.8         17.1         11.8         22.2         20.8         0.37         0.38         0.39 <th< th=""><th>4</th><th></th><th></th><th></th><th>⊢</th><th>17.7</th><th>16.5</th><th>15.2</th><th>14.8</th><th>18.6</th><th>17.3</th><th>16.0</th><th>15.5</th><th>19.1</th><th>17.8</th><th>16.4</th><th>15.9</th><th>19.5</th><th>18.2</th><th>16.8</th><th>16.3</th><th>20.0</th><th>18.6</th><th>17.2</th><th>16.7</th><th>MBh</th><th></th><th></th></th<>	4				⊢	17.7	16.5	15.2	14.8	18.6	17.3	16.0	15.5	19.1	17.8	16.4	15.9	19.5	18.2	16.8	16.3	20.0	18.6	17.2	16.7	MBh		
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.3         18.6         15.2         16.9         18.1         14.5         15.7         16.9         18.1         18.2         16.5         17.7         14.0         14.5         15.7         16.8         13.0         13.4         14.5         15.7         16.8         13.0         13.4         14.5         15.7         16.8         13.0         13.4         14.5         15.0         13.0         13.0         13.4         14.5         15.0         13.0 <th< th=""><th>- 0</th><th></th><th></th><th></th><th>129</th><th>155</th><th>145</th><th>133</th><th>125</th><th>148</th><th>139</th><th>127</th><th>119</th><th>141</th><th>132</th><th>121</th><th>114</th><th>135</th><th>127</th><th>116</th><th>109</th><th>128</th><th>120</th><th>110</th><th>104</th><th>Lo PR</th><th></th><th></th></th<>	- 0				129	155	145	133	125	148	139	127	119	141	132	121	114	135	127	116	109	128	120	110	104	Lo PR		
MBh         15.9         16.4         17.7         19.0         15.5         16.0         17.7         16.0         17.3         18.6         15.2         16.9         18.1         14.2         16.5         17.7         14.0         14.5         15.7         16.8         13.0         13.4         14.5         15.7         16.9         13.0         13.4         14.5         15.7         16.9         13.0 <th< th=""><th></th><th></th><th></th><th>,</th><th>371</th><th>398</th><th>381</th><th>361</th><th>335</th><th>353</th><th>339</th><th>321</th><th>298</th><th>310</th><th>297</th><th>282</th><th>262</th><th>273</th><th>262</th><th>248</th><th>230</th><th>243</th><th>233</th><th>221</th><th>205</th><th>Hi PR</th><th></th><th></th></th<>				,	371	398	381	361	335	353	339	321	298	310	297	282	262	273	262	248	230	243	233	221	205	Hi PR		
MBh   15.9   16.4   17.7   19.0   15.5   16.0   17.3   18.6   15.2   15.6   16.9   18.1   14.8   15.2   16.5   17.7   14.0   14.5   15.7   16.8   13.0   13.4   14.5   15.7   16.8   13.0   13.4   14.5   15.7   16.8   13.0   13.4   14.5   15.7   16.8   13.0   13.4   14.5   15.7   16.8   13.0   13.4   14.5   13.1	_				6.1	6.3	6.1	5.9	5.8	5.9	5.7	5.5	5.4	5.6	5.4	5.2	5.1	5.1	4.9	4.8	4.7	4.7	4.6	4.4	4.3	Amps		
15.9 16.4 17.7 19.0 15.5 16.0 17.3 18.6 15.2 15.6 16.9 18.1 14.8 15.2 16.5 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 16.8 17.7 17.8 17.8 17.8 17.8 17.8 17.8 17	20				1.36	1.44	1.39	1.35	1.32	1.38	1.33	1.29	1.26	1.31	1.26	1.22	1.19	1.22	1.18	1.14	1.12	1.13	1.09	1.05	1.03	Κ×	525	
15.9 16.4 17.7 19.0 15.5 16.0 17.3 18.6 15.2 15.6 16.9 18.1 14.8 <b>15.2</b> 16.5 17.7 14.0 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.0 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 13.4 14.5 15.7 16.8 15.7	6.			` .	20.5	11.7	16.9	20.6	22.4	11.8	17.1	20.9	22.7	11.7	17.0	20.8	22.6	11.7	17.0	20.7	22.5	11.6	16.8	20.5	22.3	ΔT		
15.9 16.4 17.7 19.0   15.5 16.0 17.3 18.6   15.2 15.6 16.9 18.1   14.8 <b>15.2</b> 16.5 17.7   14.0 14.5 15.7 16.8   13.0 13.4 14.5 15.5	 0t				0.92	0.40	0.62	0.81	0.91	0.38	0.59	0.78	0.88	0.37	0.58	92.0	0.85	0.36	0.56	0.74	0.83	0.35	0.54	0.72	08.0	S/T		
	9.		_		<u> </u>	16.8	15.7	14.5	14.0	17.7	16.5	15.2	14.8	18.1	16.9	15.6	15.2	18.6	17.3	16.0	15.5	19.0	17.7	16.4	15.9	MBh		

kW = Total system power

## EXPANDED COOLING DATA — GSX130181E\* / CAPF1824B6DB (CONT.)

			65	65ºF			75	75ºF			85ºF	ایرا			95ºF		H		105ºF				115ºF	
IDR AID											ENTERIN	JG INDO	OR WET	<b>ENTERING INDOOR WET BULB TEMPERATURE</b>	EMPER4	TURE								
_	AIRFLOW	29	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	. 29	71   5	29 (	9   89	67 71
	MBh	_	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6 1	16.7   13	13.2	13.5 14	14.5 15.5
	S/T		0.82	0.67	0.50	0.91	0.85	69.0	0.52	0.93	0.87	0.71	0.53	96.0	0.90	0.73	0.55	1.00 (	0.94 (	0.76 0	0.57   1.	.01 0.	0.94 0.	0.77 0.57
	_ ∆ _		23.8	20.7	16.5	25.2	24.1	21.0	16.7	25.2	24.1	21.0	16.8	25.4	24.3	21.1	16.9	25.0 2	24.0	20.8 1	16.6 23	23.4 2.	22.4 19	.9.5 15.5
525	××		1.06	1.10	1.14	1.13	1.15	1.19	1.23	1.20	1.23	1.27	1.32	1.27	1.30	1.35	1.39	1.33	1.36	1.41 1	1.46   1.	38	1.41	1.46 1.51
	Amps		4.4	4.6	4.8	4.7	4.8	2.0	5.2	5.1	5.2	5.4	9.9	5.5	9.9	5.8	0.9	5.8	0.9	6.2	6.4   6	.2 6	.3 6	6.5 6.8
	Hi PR		223	235	246	232	250	264	276	264	285	300	313	301	324	342	357	339	365	385 4	402 3	374 4	403 47	425 444
	Lo PR	_	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147 1	156 1.	131 1	139 1	152 162
	MBh	_	17.4	18.6	19.8	16.6	17.0	18.1	19.4	16.2	16.6	17.7	18.9	15.8	16.2	17.3	18.5	15.0	15.4	16.4 1	17.5   13	13.9 1	14.2 15	15.2 16.2
	S/T		0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00 (	0.95 (	0.77 0	0.58   1.	1.00 0	0.96 0.	0.78 0.58
	ΤΔ		22.2	19.3	15.5	23.5	22.5	19.6	15.6	23.5	22.5	19.6	15.7	23.7	22.7	19.7	15.8	23.0	22.4	19.5 1	15.5   2.	21.3 2	20.9 18	18.2 14.5
80 600	××		1.08	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.28	1.32	1.36	1.41	1.34	1.38	1.42 1	1.48   1.	.39 1	1.43 1.	1.48 1.53
	Amps		4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.9	6.1	5.9	0.9	6.2 (	6.5 6	6.2	6.4 6	6.9 9.9
	Hi PR		226	239	249	236	254	268	279	268	288	304	318	305	328	347	362	343	369	390 4	407 3	379 4	408 43	431 450
	Lo PR	_	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149 1	158 1	132 1	141 1	154 164
	MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.5	15.8 1	16.9	18.1   14	14.3 14	14.7 15.7	5.7 16.7
	S/T		0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00 (	0.79 0	0.59   1.	1.00 1.	.00	0.80 0.60
	ΤΔ		21.6	18.8	15.0	22.8	21.9	19.0	15.2	22.8	21.9	19.0	15.2	23.1	22.0	19.2	15.3	21.9	22.4	18.9 1	15.1 20	20.3 20	20.7 17	17.7 14.1
920	ķ		1.09	1.13	1.17	1.16	1.18	1.22	1.27	1.24	1.26	1.31	1.36	1.30	1.34	1.38	1.43	1.36	1.40	1.45 1	1.50   1.	.42 1	1.45 1.	1.50 1.55
	Amps		4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	9.9	5.8	9.9	5.8	5.9	6.2	0.9	6.1	6.3 (	9   9.9	6.3	6.5 6.7	.7 7.0
	Hi PR		230	243	253	240	258	272	284	273	293	310	323	310	334	353	368	349	376	397 4	414 3	386 4	415 43	439 457
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151 1	161 1:	135 1	143 1	157 167

np.+fan)	mps (con	or unit a	Amps = outdoor unit amps (comp.+fan	Amps							Suc	condition	cts AHRI	Shaded area reflects AHRI conditions	Shaded a	0,						erature	ulb Temp	IDB: Entering Indoor Dry Bulb Temperature	ering Ind	DB: Ent
168	158	145	136	163	153	140	132	155	146	134	126	148	139	127	120	142	134	122	115	135	126	116	109	Lo PR		
462	443	419	390	418	401	380	353	372	356	337	314	326	313	296	275	287	275	261	242	256	245	232	216	Hi PR		
7.0	8.9	9.9	6.4	9.9	6.4	6.2	0.9	6.2	0.9	5.8	5.7	5.8	9.9	5.4	5.3	5.4	5.2	5.0	4.9	4.9	4.8	4.6	4.5	Amps		
1.57	1.51	1.46	1.43	1.51	1.46	1.41	1.38	1.45	1.40	1.35	1.32	1.37	1.32	1.28	1.25	1.28	1.23	1.19	1.17	1.18	1.14	1.10	1.08	ΚW	650	
18.2	21.0	21.0	20.6	19.5	22.5	22.7	22.3	19.7	22.8	23.9	23.5	19.6	22.7	24.0	24.1	19.6	22.6	23.9	24.3	19.4	22.4	23.7	24.1	ΔT		
0.77	0.95	1.00	1.00	0.77	0.95	1.00	1.00	0.74	0.91	1.00	1.00	0.72	0.88	0.98	1.00	0.70	0.86	0.95	0.99	0.67	0.83	0.92	0.95	S/T		
16.6	15.6	14.9	14.6	18.0	16.8	16.1	15.8	18.9	17.7	16.9	16.6	19.4	18.2	17.3	17.0	19.8	18.6	17.8	17.4	20.3	19.0	18.2	17.8	MBh		
166	155	142	134	160	150	138	129	153	143	131	123	145	136	125	118	140	131	120	113	132	124	114	107	Lo PR		
454	435	412	383	411	394	373	347	365	350	332	308	321	308	291	271	282	270	256	238	251	241	228	212	Hi PR		
6.9	6.7	6.4	6.3	6.5	6.3	6.1	5.9	6.1	5.9	5.7	9.9	5.7	5.5	5.3	5.2	5.3	5.1	4.9	4.8	4.9	4.7	4.5	4.4	Amps		
1.54	1.49	1.44	1.41	1.49	1.44	1.39	1.36	1.42	1.37	1.33	1.30	1.35	1.30	1.26	1.23	1.26	1.22	1.18	1.15	1.16	1.12	1.08	1.06	kΝ	009	82
18.7	21.6	22.1	21.7	20.0	23.2	23.9	23.4	20.3	23.5	24.8	24.7	20.2	23.3	24.7	25.1	20.2	23.3	24.6	25.1	19.9	23.0	24.3	24.8	ΤΔ		
0.76	0.93	1.00	1.00	0.75	0.93	1.00	1.00	0.72	0.89	0.99	1.00	0.70	98.0	96.0	0.99	0.68	0.84	0.93	0.97	99.0	0.81	06.0	0.93	S/T		
16.1	15.1	14.4	14.2	17.4	16.3	15.6	15.3	18.3	17.2	16.4	16.1	18.8	17.6	16.8	16.5	19.2	18.0	17.2	16.9	19.7	18.5	17.6	17.3	MBh		
163	153	140	132	158	148	136	128	151	141	130	122	143	135	123	116	138	130	119	112	131	123	112	106	Lo PR		
448	430	407	378	406	389	368	342	361	346	327	304	317	303	287	267	278	267	253	235	248	238	225	209	Hi PR		
8.9	9.9	6.4	6.2	6.4	6.2	0.9	5.9	6.1	5.8	5.6	5.5	5.7	5.5	5.3	5.2	5.2	5.0	4.9	4.7	4.8	4.6	4.5	4.4	Amps		
1.53	1.47	1.42	1.39	1.47	1.42	1.37	1.34	1.41	1.36	1.31	1.28	1.33	1.28	1.24	1.21	1.24	1.20	1.16	1.14	1.15	1.11	1.07	1.05	ΚW	525	
20.0	23.2	24.1	23.6	21.5	24.8	26.0	25.5	21.8	25.1	26.6	26.8	21.6	25.0	26.4	26.9	21.6	24.9	26.4	26.8	21.3	24.6	26.1	26.5	ΔT		
0.75	0.92	1.00	1.00	0.74	0.91	1.00	1.00	0.71	0.88	0.97	1.00	69.0	0.85	0.94	0.98	0.67	0.83	0.92	0.95	0.65	0.80	0.89	0.92	S/T		
15.3	14.4	13.7	13.5	16.6	15.5	14.8	14.5	17.4	16.3	15.6	15.3	17.9	16.8	16.0	15.7	18.3	17.2	16.4	16.1	18.7	17.6	16.8	16.5	MBh		
								Ì			İ					Ì	İ									

#### Expanded Cooling Data — GSX130241D\* / CA\*F1824\*6D\*

											0	UTDOO	R AMBI	<b>OUTDOOR AMBIENT TEMPERATURE</b>	<b>IPERATU</b>	RE									
			65	65ºF		Ц		75ºF			80	85ºF			6	95ºF			105ºF	냚			115ºF	L.	
											ENTER	ENTERING INDOOR WET	OOR W	ET BULE	<b>BULB TEMPERATURI</b>	RATURE									
AIF	AIRFLOW	59	63	29	71	29	63	67	71	29	63	29	71	29	63	67	71	59	63	29	71	29	63	29	71
	MBh	20.2	20.9	22.9		19.7		22.4		19.3	20.0	21.9		18.8	19.5	21.3		17.8	18.5	20.3	-	16.5	17.1	18.8	
	S/T	69.0	0.58	0.40	•	0.72		0.41	٠	0.73	0.61	0.42	•	0.76	0.63	0.44	,	0.79	99.0	0.46	_	0.79	99.0	0.46	,
	ΔT	18	16	12	•	19		12	1	19	16	12	1	19	16	12	,	18	16	12	,	17	15	11	
200	××	1.60	1.63	1.68	•	1.71		1.80	٠	1.82	1.85	1.91	٠	1.91	1.95	2.01		1.98	2.02	2.09	_	2.05	2.09	2.16	-
	Amps	5.7	5.8	0.9	1	6.1		6.5	•	9.9	8.9	7.0	•	7.1	7.3	7.5		7.6	7.8	8.0	,	8.0	8.2	8.5	,
	Hi PR	226	243	257	1	253		288	•	288	310	328	•	328	353	373	,	369	398	420	_	408	439	464	,
	Lo PR	66	105	115		105		122		109	116	126	-	114	122	133	-	120	127	139	-	124	132	144	-
	MBh	21.9	22.7	24.8	1	21.4		24.3		20.9	21.6	23.7		20.4	21.1	23.1		19.3	20.0	22.0	-	17.9	18.6	20.3	
	S/T	0.72	09.0	0.41	1	0.74		0.43	1	0.76	0.64	0.44	1	0.79	99.0	0.45	-	0.82	0.68	0.47	-	0.82	69.0	0.48	,
	ΤΔ	18	16	12	•	18		12	٠	18	16	12	•	18	16	12		18	16	12	_	17	15	11	_
800	×	1.64	1.67	1.72	1	1.75		1.85	1	1.86	1.90	1.96	1	1.95	1.99	2.06	,	2.03	2.07	2.14	,	2.10	2.14	2.21	,
	Amps	5.8	0.9	6.1	1	6.3		6.7	1	8.9	7.0	7.2	1	7.3	7.5	7.8		7.8	8.0	8.3		8.3	8.5	8.8	-
	Hi PR	233	251	265	1	261		297	1	297	320	338	1	338	364	385	,	381	410	433	,	421	453	478	,
	Lo PR	102	109	119	٠	108		125	1	112	119	130	1	118	125	137	-	124	131	143	-	128	136	148	
	MBh	22.5	23.4	25.6		22.0	22.8	25.0		21.5	22.3	24.4		21.0	21.7	23.8		19.9	20.6	22.6		18.4	19.1	21.0	
	S/T	0.75	0.63	0.43	1	0.78		0.45	1	0.80	0.67	0.46	1	0.82	0.69	0.48	,	98.0	0.71	0.49	,	98.0	0.72	0.50	,
	ΤΔ	17	15	11	1	18		12	1	18	15	12	1	18	15	12	-	17	15	11	-	16	14	11	,
900	Κ	1.65	1.68	1.73	•	1.77		1.86	٠	1.87	1.91	1.97	'	1.97	2.01	2.07	,	2.05	2.09	2.16	,	2.12	2.16	2.23	,
	Amps	5.9	0.9	6.2	1	6.3		6.7	•	6.9	7.1	7.3	•	7.4	7.6	7.8	,	7.9	8.1	8.3	-	8.3	9.8	8.8	,
	Hi PR	235	253	267	1	264		300	ı	300	323	341	ı	342	368	388	i	385	414	437	1	425	457	483	,
	Lo PR	103	110	120	1	109		127	ı	113	121	132	1	119	127	138	,	125	133	145	,	129	137	150	_

		<u> </u>	20.5 21	21.1 22	22.9 24.6	.6 20.1			.4 24.0	0 19.6	6 20.2	2 21.8	3 23.4	19.1	1 19.7	7 21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
		S/T (	_	0.70 0.	0.53 0.34	34   0.81	_		0.55 0.35	5 0.83	3 0.75	5 0.56	5 0.36	98.0	<b>0.77</b>	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	21 2	20 1	16 11	1 21			16 11	21	. 20	16	11	22				21	20	16	11	20	18	15	10
	200	× ×	1.61 1.6	1.64	1.69 1.7	74   1.73		6 1.82	82 1.87	7   1.83	3 1.87	7 1.93	3 1.99	1.92	2 1.96	5 2.02	7	2.00	2.04	2.11	2.17	2.07	2.11	2.18	2.25
					.0 6.3	_		3 6.5	5 6.8	6.7	6.9	7.1	7.4	7.2	7.4		7.9	7.6	7.8	8.1	8.4	8.1	8.3	9.8	8.9
			228 24	246 25	259 27	70 256		6 291	303	3 291	1 313	3 331	345		2 357	377	393	373	402	424	442	412	444	469	489
		Lo PR	100 10	107 1	116 12	_	6 113	3 123	13 131	1110	0 117	7 128	136	116	5 123	134	143	121	129	141	150	125	133	145	155
			22.3 22	22.9 24	24.8 26.6	.6 21.7		4 24.2	.2 26.0	0   21.2	2 21.8	8 23.6	5 25.4	20.7	7 21.3	3 23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
		S/T (			_		4 0.76	O	U	7 0.87	0	7 0.59	9 0.38	8 0.89	Ü			0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
					16 11				16 11	21	19		11	21			11	21	19	16	11	20	18	15	10
75	800		1.65 1.6	1.68 1.	1.73 1.7	78   1.77		0 1.86	36 1.92	2   1.87	7 1.91	1.97	7 2.04	<u> </u>	7 2.01	2.07	•	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30
			5.9 6.		6.2 6.4				7 7.0	6.9	7.1	7.3		_			8.1	7.9	8.1	8.3	8.7	8.3	9.8	8.8	9.2
									313	300	323	3 341		342			405	385	414	437	456	425	457	483	504
			103 11	110 12	120 12	-		6 127	27 135	5 113	3 121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
			22.9 23	23.6 25	25.5 27.4	.4 22.4			24.9 26.8	8 21.9	9 22.5	5 24.4	1 26.1	21.3		23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4
		S/T (				_	9 0.79	09.0 6.	50 0.39	9 0.91	1 0.81	0		0.94	_	_	0.41	0.97	0.87	99.0	0.42	0.98	0.88	99.0	0.43
			20 1	18 1	15 10				15 11	20	19	15		20	19	15		20	19	15	10	19	17	14	10
	900	_	1.66 1.6	1.69 1.	75 1.80	_			1.87 1.93	3 1.89	9 1.93	3 1.99	9 2.05	1.98	•		2.16	2.06	2.11	2.18	2.25	2.13	2.18	2.25	2.32
			5.9 6.	6.1 6		5 6.4			6.8 7.0	7.0	7.1	7.4	7.7	7.5	9.7	7.9	8.2	7.9	8.1	8.4	8.7	8.4	9.8	8.9	9.3
		Hi PR	238 25	256 27	270 282		7 287	7 303	3 316	5 303	3 326	345	359	345	372	392	409	389	418	442	461	429	462	488	509
		Lo PR	104 11	111 1	121 12	9 110	0 117		128 136	5 114	4 122	2 133	142	120	128	140	149	126	134	146	156	130	139	151	161
IDB: Ente	ering Indo	IDB: Entering Indoor Dry Bulb Temperature	Temperat	ure						Shade	d area re	Shaded area reflects ACCA (TVA) conditions	CA (TVA)	) condit	ions						Amps	Amps = outdoor unit amps (comp.+fan)	r unit ar	ups (con	np.+fan)
High and	llow pres	High and low pressures are measured at the liquid and suction service valves.	easured at	t the liqu	uid and su	iction ser	vice valv	es.														_	tW = Tot	kW = Total system power	n power

## Expanded Cooling Data — GSX130241D\* / CA\*F1824\*6D\* (cont.)

			-	65ºF				75ºF			20	85 <u>°</u> F			95º₽	9£			105≗F	3F	$\exists$		115ºF		
											ENTER	NG IND	ENTERING INDOOR WET	BULB	TEMPERATURE	NATURE									
IDB	AIRFLOW	29	63	29	71	59	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
	MB	Ч				_		9 22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5 1	.8.7 2	20.0
	./s	_				_		4 0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75 (	0.56 (	0.99	0.93 0	0.75 C	0.56
	_ Δ					—	. 23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
_	700 KW					_		8 1.83	1.89	1.85	1.88	1.94	2.00	1.94	1.98	2.04	2.10	2.01	2.06	2.12	2.19   2	2.08 2	2.13 2	2.19 2	2.27
	Am					_		9.9	8.9	8.9	6.9	7.2	7.4	7.2	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.5	8.4 8	8.7	9.0
	 					—		3 294	307	294	317	334	349	335	361	381	397	377	406	428	447	416 4	448 4	473 4	494
	Lo F					_		124	132	111	118	129	137	117	124	136	144	122	130	142	151	126	135 1	147	156
	MB					_		5 24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4   1	18.5	18.9 2	20.2	21.6
	./s	_				_		7 0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.96.0	0.78	0.59
	.∇							20	16	24	23	20	16	24	23	20	16	23	22	19	16	21	21	18	15
80	800 KW							2 1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.03	5.09	2.16	5.06	2.11	2.18	2.25	2.13	2.18 2	2.25 2	2.32
	Am							6.8	7.0	7.0	7.1	7.4	7.7	7.5	9.7	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	6.8	9.3
	H					_		7 303	316	303	326	345	359	345	372	393	409	389	418	442	461	429 ,	462 4	488	509
	Lo F	_				-		7 128	136	115	122	133	142	120	128	140	149	126	134	146	156	130	139 1	151	161
	MBh	3h 23.3	3 23.8	8 25.5	5 27.2	2 22.8		3 24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5 2	20.8 2	22.3
	1/S	_				_		1 0.74	0.55	1.00	0.93	0.76	0.57	1.00	96.0	0.78	0.59	1.00	1.00	0.81 (	0.61	1.00	0 00.	0.82 C	0.61
	Δ							19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
	900 KW						0 1.83	3 1.89	1.95	1.90	1.94	2.00	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26   2	2.15 2	2.20 2	2.27	2.34
	Am							9.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	0.6	9.4
	Ξ							306	319	306	330	348	363	349	375	396	413	392	422	446	465 ,	434 4	467 4	493	514
	Lo F							3 129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140 1	153	163

		MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
		S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.81	99.0	96.0	0.93	0.84	0.68	0.99	96.0	98.0	0.70	1.00	0.99	0.90	0.73	1.00	1.00	06.0	0.73
		ΔT	25	25	23	20	56	25	24	21	56	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19
	700	××	1.64	1.67	1.72	1.77	1.75	1.79	1.84	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.06	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.28
		Amps	5.8	5.9	6.1	6.4	6.3	6.4	6.7	6.9	8.9	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.3	9.8	8.3	8.5	8.8	9.1
		Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	338	364	385	401	381	410	433	451	421	453	478	499
		Lo PR	102	109	119	126	108	115	125	134	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
		MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
		S/T		06.0	0.82	99.0	0.97	0.94	0.85	69.0	1.00	96.0	0.87	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19
82	800	Κ	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.00	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26	2.15	2.20	2.27	2.34
		Amps	0.9	6.1	6.3	9.9	6.5	9.9	8.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	0.6	9.4
		Hi PR	240	258	273	284	569	290	306	319	306	330	348	363	349	375	396	413	392	422	446	465	434	467	493	514
		Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
		MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1
		S/T	0.98	0.95	98.0	69.0	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	18
	900	Ϋ́	1.69	1.72	1.77	1.83	1.81	1.85	1.90	1.96	1.92	1.96	2.02	2.09	2.02	5.06	2.12	2.19	2.10	2.14	2.21	2.28	2.17	2.22	2.29	2.36
		Amps	0.9	6.2	6.4	9.9	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	9.7	7.8	8.0	8.4	8.1	8.3	9.8	8.9	9.8	8.8	9.1	9.5
		Hi PR	242	261	275	287	272	293	309	322	309	333	352	367	352	379	400	418	396	427	450	470	438	471	498	519
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	143	152	129	137	149	159	133	142	154	165
IDB: Ent	ering Indo	IDB: Entering Indoor Dry Bulb Temperature	b Temper	ature						<i>J</i> 1	haded a	rea refle	Shaded area reflects AHRI conditions	conditio	sus							Amps =	Amps = outdoor unit amps (comp.+fan	' unit an	mos) sdi	p.+fan)
High and	d low pres	High and low pressures are measured at the liquid and suction service valv	neasured	at the l	iquid an	d suction	n service	valves.															~	kW = Total system	l system	power

#### EXPANDED COOLING DATA — GSX130301B\* / CA\*F3030\*6D\*

MSTAF         95₽F           FINTERIAL FATILIE           63         67         71         59         63         67         71         59           63         67         71         59         63         67         71         59           25.9         28.4         2.4         25.3         27.7         2.3         23.2 <th>25.0 0.76 18 2.28 8.2 311 114 25.4 0.78</th> <th>29.1 29.1 0.43 12 2.26 8.0 311 127 29.5 0.44 11</th> <th>26 26 27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</th> <th>59 25.6 0.74 18 2.15 7.5 2.45 274 109 26.0 0.76 17 2.18</th> <th>65eF           67         71         59           2         29.8         -         25.6           9         0.41         -         0.74           12         -         18         -           5         2.11         -         2.15           2         2.71         -         2.74           2         2.77         -         2.74           0         120         -         109           6         30.3         -         26.0           2         0.43         -         0.76           11         -         17           8         2.14         -         2.18           7.5         -         7.6</th>	25.0 0.76 18 2.28 8.2 311 114 25.4 0.78	29.1 29.1 0.43 12 2.26 8.0 311 127 29.5 0.44 11	26 26 27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	59 25.6 0.74 18 2.15 7.5 2.45 274 109 26.0 0.76 17 2.18	65eF           67         71         59           2         29.8         -         25.6           9         0.41         -         0.74           12         -         18         -           5         2.11         -         2.15           2         2.71         -         2.74           2         2.77         -         2.74           0         120         -         109           6         30.3         -         26.0           2         0.43         -         0.76           11         -         17           8         2.14         -         2.18           7.5         -         7.6
17	<sup>-</sup> ⊢			63         67           26.6         29.1           0.62         0.43           16         12           2.20         2.26           7.7         8.0           294         311           116         127           27.0         29.5           0.64         0.44           15         11           2.23         2.29           7.8         3.15           7.9         2.29           7.8         3.16	71         59         63         67           -         25.6         26.6         29.1           -         0.74         0.62         0.43           -         18         16         12           -         2.15         2.20         2.26           -         7.5         7.7         8.0           -         7.5         7.7         8.0           -         274         294         311           -         109         116         127           -         26.0         27.0         29.5           -         0.76         0.64         0.44           -         17         15         11           -         2.18         2.23         2.29           -         7.6         7.8         8.1
71         59         63         67         71           24,4         25.3         27.7         -           0.78         0.65         0.45         -           19         16         12         -           2.39         2.44         2.51         -           8.7         9.0         9.3         -           119         127         139         -           24.8         25.7         28.1         -           0.81         0.68         0.47         -           18         15         12         -           24.2         2.47         2.55         -           8.9         9.1         9.4         -           360         388         410         -           122         129         141         -           25.2         26.1         28.6         -	25.9 0.63 16 2.33 8.4 335 121 26.3 0.65		29.1	26.6 29.1 - 26.6 29.1 - 26.6 29.1 - 22.0 2.26 - 29.4 3.11 - 22.0 2.56 - 29.4 3.11 - 22.0 29.5 - 29.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	71         59         63         67         71           -         25.6         26.6         29.1         -           -         0.74         0.62         0.43         -           -         18         16         12         -           -         2.15         2.20         2.26         -           -         7.5         7.7         8.0         -           -         274         294         311         -           -         109         116         127         -           -         26.0         27.0         29.5         -           -         0.76         0.64         0.44         -           -         17         15         11         -           -         2.18         2.23         2.29         -           -         7.6         7.8         8.1         -
24.4     25.3     27.7     -       0.78     0.65     0.45     -       19     16     12     -       2.39     2.44     2.51     -       8.7     9.0     9.3     -       119     127     139     -       24.8     25.7     28.1     -       24.8     25.7     28.1     -       0.81     0.68     0.47     -       18     15     12     -       24.2     2.47     2.55     -       8.9     9.1     9.4     -       360     388     410     -       122     129     141     -       25.2     26.1     28.6     -	25.9 0.63 16 2.33 8.4 335 121 26.3 0.65			26.6 30.62 0.62 0.62 0.62 0.77 2.20 7.7 2.94 1.16 27.0 3.73 7.7 3.8 7.8 7.8	25.6 26.6
- 0.78 0.65 0.45 19 16 12 - 2.39 2.44 2.51 - 2.39 2.44 2.51 - 2.31 4.03 - 2.41 2.51 - 2.42 2.57 28.1 - 2.42 2.57 28.1 - 2.42 2.47 2.55 - 2.42 2.51 2.86 - 2.52 2.51 2.52 2.51 2.51 2.51 2.51 2.51	0.63 - 16 2.33 8.4 335 121 26.3 0.65 15			0.62 0 16 2.20 7.7 7.7 294 116 27.0 3 0.64 0.64 0.64 0.64 0.64 0.64 0.64 0.64	- 0.74 0.62 - 18 16 - 2.15 2.20 7.5 7.7 - 274 294 - 109 116 - 26.0 27.0 - 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
19     16     12       2.39     2.44     2.51       8.7     9.0     9.3       119     127     139       24.8     25.7     28.1       0.81     0.68     0.47       18     15     12       24.2     2.47     2.55       89     9.1     9.4       25.2     26.1     28.6       25.2     26.1     28.6	16 2.33 8.4 335 121 26.3 0.65 15 2.36			16 2.20 7.7 294 116 27.0 3 0.64 0 0.64 0.64 0.64 0.64 0.64 0.64 0.	2.15 2.20 7.5 7.7 274 294 109 116 26.0 27.0 0.76 0.64 17 15 - 2.18 2.23 7.6 7.8
-     2.39     2.44     2.51     -       -     8.7     9.0     9.3     -       -     354     381     403     -       -     119     127     139     -       -     24.8     25.7     28.1     -       -     24.8     25.7     28.1     -       -     18     15     12     -       -     2.42     2.47     2.55     -       -     8.9     9.1     9.4     -       -     360     388     410     -       -     122     129     141     -       -     25.2     26.1     28.6     -	2.33 8.4 335 121 26.3 0.65 15 2.36			2.20 7.7 294 116 27.0 27.0 15 15 2.23 7.8	2.15 2.20 7.5 7.7 274 294 109 116 26.0 27.0 0.76 0.64 17 15 2.18 2.23 7.6 7.8
8.7     9.0     9.3     -       354     381     403     -       119     127     139     -       24.8     25.7     28.1     -       0.81     0.68     0.47     -       18     15     12     -       2.42     2.47     2.55     -       8.9     9.1     9.4     -       360     388     410     -       122     129     141     -       25.2     26.1     28.6     -	8.4 335 121 26.3 0.65 15 2.36	<u> </u>		7.7 294 116 27.0 0.64 15 2.23 7.8	- 7.5 7.7 - 274 294 - 109 116 - 26.0 27.0 - 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
- 354 381 403 - 119 127 139 - 24.8 25.7 28.1 - 0.81 0.68 0.47 - 18 15 12 - 2.42 2.47 2.55 - 8.9 9.1 9.4 - 360 388 410 - 122 129 141 - 25.2 26.1 28.6 - 20.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	335 121 26.3 0.65 15 2.36			294 116 27.0 27.0 0.64 15 2.23 7.8	- 274 294 - 109 116 - 26.0 27.0 - 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
- 119 127 139 - 24.8 25.7 28.1 - 0.81 0.68 0.47 - 2.42 2.47 2.55 - 8.9 9.1 9.4 - 360 388 410 - 122 129 141 - 25.2 26.1 28.6 - 25.2 26.1 26.1 26.1 26.1 26.1 26.1 26.1 26	121 26.3 0.65 15 2.36	I		27.0 0.64 15 2.23 7.8	- 109 116 - 26.0 27.0 - 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
- 24.8 25.7 28.1 - 0.81 0.68 0.47 - 18 15 12 - 2.42 2.47 2.55 - 8.9 9.1 9.4 - 122 129 141 - 25.2 26.1 28.6 - 25.2 26.1 26.1 28.6 - 25.2 26.1 28.6 - 25.2 26.1 28.6 - 25.2 26.1 28.6 - 25.2 26.1 26.1 28.6 - 25.2 26.1 28.6 - 25.2 26.1 26.1 26.1 26.1 26.1 26.1 26.1 26	26.3 0.65 15 2.36			27.0 0.64 15 2.23 7.8	- 26.0 27.0 - 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
- 0.81 0.68 0.47 - 18 15 12 - 2.42 2.47 2.55 - 8.9 9.1 9.4 - 360 388 410 - 122 129 141 - 25.2 26.1 28.6 - 30 - 30 - 30 - 30 - 30 - 30 - 30 - 3	0.65 15 2.36	1 1 1 1		0.64 15 2.23 7.8	- 0.76 0.64 - 17 15 - 2.18 2.23 - 7.6 7.8
- 18 15 12 - 2.42 2.47 2.55 - 8.9 9.1 9.4 - 360 388 410 - 122 129 141 - 25.2 26.1 28.6 - 3.00	2.36			2.23	- 17 15 - 2.18 2.23 - 7.6 7.8
- 2.42 2.47 2.55 - 8.9 9.1 9.4 - 8.9 9.1 9.4 - 122 129 141 - 25.2 26.1 28.6 - 122 129 141 - 125.2 26.1 28.6 - 125.2 26.1 26.1 26.1 26.1 26.1 26.1 26.1 26	2.36			7.8	- 2.18 2.23 - 7.6 7.8
8.9 9.1 9.4 - 8.0 360 388 410 - 122 129 141 - 25.2 26.1 28.6 - 9.1	ı			7.8	- 7.6 7.8
- 360 388 410 - - 122 129 141 - - 25.2 26.1 28.6 -	8.3 8.5 8.8			000	
- 122 129 141 - - 25.2 26.1 28.6 -	317 341 360			667	- 278
- 25.2 26.1 28.6 -	116 123 134		129	118	- 111 118
-	25.8 26.7 29.3	- 1	7.4 30.0	27.4	- 26.4 27.4
0.47 - 0.85 0.71 0.49 - 0.88	0.82 0.68 0.47	1	67 0.46	0.67	- 0.80 0.67
11 - 17 15 11 - 17	17 15 11	- 1	5 11	15	- 17 15
2.44 - 2.44 2.49 2.56 - 2.53	2.32 2.37 2.44		24 2.30	2.24	- 2.19 2.24
8.9 - 8.9 9.2 9.5 - 9.5	8.4 8.6 8.9		.9 8.1		- 7.7
362 - 363 391 413 - 408	319 343 362	1	318	302	- 280 302
135 -   122 130 142 -   128	116 124 135	۱.	130	119	- 112 119

		MBh 2	26.7 27.5	.5 29.7	1.7 31.9	9 26.1	26.8	29.0	31.2	25.4	26.2	28.4	30.4	24.8	25.6	27.7	29.7	23.6	24.3	26.3	28.2	21.8 2	22.5	24.3	26.1
		_	0.81 0.72	72 0.55	55 0.35	5 0.84		0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	09.0	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63 (	0.40
		ΔT		19 16	16 11	21	20	16	11	21	20	16	11	21	70	16	11	21	19	16	11	20	18	15	10
	945		2.03 2.0	2.07 2.1	2.13 2.19			2.28	3 2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.53	2.61	2.50	2.56	2.64	2.72	2.59 2	.64	2.72	2.81
				7.2 7.	7.4 7.7	_			8.3	8.2	8.5	8.7	9.1	8.8	9.0	9.3	9.7	9.4	9.6	10.0	10.3	10.0	10.2	. 9.01	11.0
		Hi PR	246 26			_		314	328	314	338	357	373	358	385	407	424	403	433	458	477	445 4	479	909	527
		_	105 11	111 121		9   111	118	128	137	115	122	133	142	121	128	140	149	126	135	147	156	131	139	152	162
		—	27.1 27	27.9 30	1.2 32.4	_		29.5	31.6	25.8	26.6	28.8	30.9	25.2	25.9	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7	26.5
		S/T (						0.59	0.38	0.89	0.80	09.0	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86 (	0.65 (	0.42
						_		15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
75	1050					_		2.31	2.38	2.33	2.38	2.45	2.52	2.44	2.49	2.57	2.65	2.54	2.59	2.67	2.76	2.62 2	2.68	2.76	2.85
		Amps	7.1 7.3		7.5 7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.5	9.5	6.6	9.6	8.6	10.1	10.5	10.1	10.4	: 2.01	11.2
						_			333	320	344	363	379	364	392	414	432	410	441	466	486	453 4	487	514	236
		_		113 124	24 132	-		131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165
			27.5 28	28.3 30.6	.6 32.9	9 26.9		29.9	32.1	26.2	27.0	29.2	31.4	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.1	22.5	23.2	25.1	6.92
		S/T (	0.88 0.7	0.78 0.59	59 0.38			0.61	0.40	0.93	0.83	0.63	0.41	96.0	98.0	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68 (	0.44
				18 14					10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	6
	1155		2.06 2.1		2.16 2.23	3 2.21		2.32	2.39	2.34	2.39	2.46	2.54	2.45	2.51	2.58	2.67	2.55	2.61	2.69	2.77	2.64 2	2.69	2.78	2.87
		Amps				7.8		8.2	8.5	8.4	8.6	8.9	9.3	9.0	9.5	9.6	6.6	9.6	6.6	10.2	10.6	10.2	: 5:01	10.8	11.2
						_		322	336	322	346	366	382	367	395	417	435	413	444	469	489	456 4	491	518	540
		Lo PR	107 11	114 12	124 133	3 113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
IDB: Ente	ering Indc	IDB: Entering Indoor Dry Bulb Temperature	Temperat	nre						Shaded	area refl	ects ACC	A (TVA) c	Shaded area reflects ACCA (TVA) conditions							Amps =	Amps = outdoor unit amps (comp.+fan)	unit amp	s (comp	o.+fan)
High and	a low pres	High and low pressures are measured at the liquid and suction service valves.	easured at	t the liqu	id and su	ction servi	ice valves	5.														⋧	kW = Total system power	system <sub>I</sub>	power

Amps = outdoor unit amps (comp.+fan) kW = Total system power

## Expanded Cooling Data — GSX130301B\* / CA\*F3030\*6D\* (cont.)

												0	TDOOR	AMBIENT		TEMPERATURE										
				65	65ºF			7	75ºF			82	ᇤ			959				105≗		_		115ºF		
												ENTERI	de Indo	OR WET	BULB TE	MPERA	TURE									
IDB	AIR	FLOW	29	63	29	71	29	63	$\dashv$	71	59	63	29	71	$\dashv$	Н	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	$\dashv$	1
		MBh	27.2	27.8	29.6	31.7	26.5	27.1		31.0	25.9	26.5	28.3	30.2	•					( 4			. •		•	6.9
		S/T 0.8	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97 (	0.91 ( 23	0.74 (	0.56	1.01	0.95 C	0.77.0	).58 1. 16 7	1.00 0.9 22 2	0.95 0.7	0.78 0.5	0.58
	945	- XX	2.04	2.08	2.14	2.21	2.19	2.23	, ,	2.37	2.31	2.36	2.43	2.51									•			83
		Amps	7.1	7.2	7.5	7.8	7.7	7.8		8.4	8.3	8.5	8.	9.5												1.
		Hi PR	249	268	283	295	279	300		331	317	342	361	376												33
		Lo PR	106	112	123	131	112	119		138	116	123	135	144				$\dashv$				$\dashv$				53
		MBh	27.6	28.2	30.1	32.2	26.9	27.5		31.4	26.3	26.9	28.7	30.7				_		` `	` '	_				5.3
		T/S	0.92	0.86	0.70	0.52	0.95	0.89	_	0.54	0.98	0.92	0.75	0.56						_	_		_	_	_	09
		ΤΔ	22	21	18	15	22	22		15	22	22	19	15												4.
80	1050	ķ	2.07	2.11	2.17	2.23	2.21	2.26		2.40	2.35	2.39	2.47	2.54						•						87
		Amps	7.2	7.4	7.6	7.9	7.8	8.0		8.5	8.5	8.7	9.0	9.3												1.3
		Hi PR	253	272	288	300	284	306		337	323	348	367	383												42
		Lo PR	107	114	125	133	114	121		140	118	126	137	146												99
		MBh	28.0	28.6	30.6	32.7	27.3	27.9		31.9	26.7	27.3	29.1	31.1	•								•	•		2.7
		S/T	96.0	0.90	0.73	0.55	1.00	0.93	_	0.57	1.00	96.0	0.78	0.58		_	_			_	_		٠.	_	_	63
		ΔT	21	21	18	14	22	21		14	21	21	18	14												<u>س</u>
	1155	kW	2.08	2.12	2.18	2.25	2.23	2.27	. 4	2.41	2.36	2.41	2.48	2.56						•	•		•	•		68
		Amps	7.2	7.4	7.7	7.9	7.8	8.0		8.6	8.5	8.7	0.6	9.4						` .	٠.			٠.		3
		Hi PR	255	274	290	302	286	308		339	325	350	370	385							•					46
		LO PR	T08	TIP	170	T34	114	177		141	LIS	170	138	147				4				4				
		MBh	27.6	28.2	29.5	31.5	27.0	27.5	1,,	30.7	26.3	26.9	28.1	30.0	1	29.5		-	1	'	``	-	'	1	1.,	∞. ∞.
		T/S	0.93	06.0	0.81	99.0	0.96	0.93	_	0.68	0.99	0.95	98.0	0.70	_	.98					_			_	_	75
		ΤΔ	25	25	23	70	25	25		20	25	25	24	20		25										6.
	945	×	2.06	2.10	2.16	2.22	2.20	2.25		2.39	2.33	2.38	2.45	2.53		5.50									•	98
		Amps	7.1	7.3	7.6	7.8	7.7	7.9		8.5	8.4	8.6	8.9	9.5		9.5					` .					1.2
		Hi PR	251	270	286	298	282	303		334	321	345	364	380		393										 88
		Lo PR	107	114	124	132	113	120		139	117	125	136	145		131		$\dashv$				$\dashv$				65
		MBh	28.1	28.6	29.9	32.0	27.4	27.9		31.2	26.7	27.3	28.6	30.5		56.6										5.2
		-/<	0.96	93 در	0.84	0.68	T.00	0.30	_	0.7I	T.00	99.0	98.0	10.72		00										× °
2	1050	- V	2 08	2 17	2,7	7 25	2 23	2 2 2	( '	2 42	2.36	24	27 49	2 56	•	3 2			•	•	,			•	•	o 6
3		Amps	7.2	7.4	7.7	8.0	7.8	8.0	•	8.6	8.5	8.7	9.0	9.4		9.4									• ` `	2 4.1
		Hi PR	256	275	290	303	287	309	,	340	326	351	371	387		400					•					17
		Lo PR	109	116	126	134	115	122		142	119	127	138	147		133		-				_				88
		MBh	28.5	29.0	30.4	32.4	27.8	28.4	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.2	25.7 2	26.9	28.7 23	23.3 23	23.8 24	24.9 26	59.5
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	_	0.74	1.00	1.00	0.93	92.0		00.	_				_				_	82
		<b>⊥</b> ∇	23	22	21	18	22	23		19	22	22	21	19		21										
	1155	×	2.09	2.13	2.20	2.26	2.24	2.29		2.43	2.38	2.43	2.50	2.58		55				-			-			91
		Amps	7.3	7.5	7.7	8.0	7.9	8.1		8.7	8.6	8.	9.1	9.5		9.4										4.
		Hi PR	257	277	292	302	789	311		342	328	353	373	389		403										51
		Lo PR	109	116	127	135		123		143	120	128	139	148	-	134	-	4		-		4	-			59
IDB: Ent	ering Inc	IDB: Entering Indoor Dry Bulb Temperature	ulb Temp	oerature	7	2 2 2		-			Shaded	area refle	cts AHRI	condition	SI							Amps = o	utdoor ur	nit amps	ps (comp.+	.+fan)

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

#### EXPANDED COOLING DATA — GSX130361C\* / CA\*F3642\*6C\*

63 67 63 85.4 0.70 0.48 16 12
$\blacksquare$
11.9
255
119
35.1
0.45
15
2.23
11.7
250
117
35.5
0.46
14
15 2.24
3 11.7
7 251
117

		MBh	33.34	34.32	37.15	39.87	32.56 3	33.52	36.29	38.94	31.78	32.73	35.42	38.02	31.01	31.93	34.56 3	37.09 29	29.46 30	30.33	32.83	35.24 2	27.29 2	28.10 3	30.41 33	32.64
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	99.0	0.42	1.00	0.90	0.68	0.44	1.00 0	0.93	0.70	0.45	1.00 (	0.94 (	0.71 0	0.46
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	70	16	11	20	19	16	11	19	18	15	10
	1350	Ϋ́	1.94	2.00	2.08	2.18	2.15	2.21	2.31	2.41	2.33	2.40	2.50	2.61	2.50	2.57	2.68 2	. 79   2	2.63 2	2.71 2	2.83 2	95	2.75	2.83	2.95 3	3.08
		Amps	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.5   1	14.0 1	14.3	14.8 1	5.4	14.8	15.2	15.7 1	16.3
		Hi PR	202	217	229	239	227	244	257	269	258	277	293	305	294	316	334	348	330 3	355	375	391	365	393	415 4	432
		Lo PR	86	105	114	122	104	111	121	129	108	115	125	134	113	121	132	140   1	119 1	127	138	147	123	131	143 1	152
		MBh	32.2	33.2	35.9	38.5	31.5	32.4	35.1	37.6	30.7	31.6	34.2	36.7	30.0	30.8	33.4	35.8 2	28.5 2	29.3	31.7 3	34.0	26.4	27.1	29.4 3	31.5
		S/T	98.0	0.77	0.58	0.37	0.89	0.80	09.0	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41 0	0.98 0	0.88	0.66	0.43 (	0.99 (	0.88	0.67	0.43
		ΤΔ	56	24	19	13	56	24	20	14	56	24	20	14	56	24	20	14	56	24	20	14	24	22	18	13
75	986	××	1.90	1.95	2.04	2.13	2.10	2.16	2.26	2.36	2.28	2.35	2.45	2.56	2.44	2.51	2.62 2	2.73 2	2.58 2	2.65 2	2.77 2	2.89	2.70 2	2.77	2.89 3	3.02
		Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2   1	13.7 1	4.1	14.6 1	15.1	14.6	14.9	15.4 1	16.0
		Hi PR	198	213	225	235	222	239	252	263	253	272	287	299	288	310	327	341 3	324 3	348	368	384	358	385	406 4	424
		Lo PR	96	103	112	119	102	108	118	126	106	113	123	131	111	118	129	138   1	117 1	124	135	144	121	128	140 1	149
		MBh	32.5	33.5	36.3	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.6	37.1	30.3	31.16	33.7 3	36.2 2	28.7 2	29.6	32.0	34.4	26.6	27.4	29.7 3	31.9
		S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	96.0	98.0	0.65	0.42	1.00 0	0.89	0.68	0.43	1.00	0.90	0.68 0	0.44
		ΔΤ	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19		25	23	19	13	23	22	18	12
	1050	ΚW	1.90	1.96	2.05	2.14	2.11	2.17	2.27	2.36	2.29	2.36	2.46	2.57	2.45	2.52	2.63 2	2.74 2	2.59 2	2.66 2	2.78 2	2.89	2.70	2.78	2.90 3	3.03
		Amps	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.2	13.8 1	14.1	14.6	5.1	14.6	15.0	15.5 1	16.1
		Hi PR	199	214	226	235	223	240	253	264	253	273	288	300	289	311	328	342	325	349	369	385	359	988	408 4	425
		Lo PR	6	103	112	120	102	109	119	126	106	113	123	131	112	119	130	138	117 1	124	136	145	121	129	140	150
IDB: Ente	ering Ind	DB: Entering Indoor Dry Bulb Temperature	alb Tempe	rature						S	naded ar	ea refle	Shaded area reflects ACCA (TVA) conditions	(TVA) CC	onditions							Amps = .	Amps = outdoor unit amps (comp.+fan	unit amp	s (comp.	.+fan)
High anc	d low pre	High and low pressures are measured at the liquid and suction service valves	measure	d at the l	iquid an	d suctior	service ،	valves.															≥	kW = Total system powe	system p	ower

## Expanded Cooling Data — GSX130361C\* / CA\*F3642\*6C\* (cont.)

			9	65ºF			75ºF	J <sub>⊙</sub>			85ºF	ا ا			95ºF				105ºF			11	115ºF	
										-	ENTERIN	G INDO	ENTERING INDOOR WET	BULB	TEMPERATURE	URE								
IDB	AIRFLOW	29	63	29	71	29	63	<b>29</b>	71	29	63	29	71	29	9 89	67   7	71 5	29 69	9   89	67 71	29	63	29	71
	MBh	⊢	l	ł	39.59	33.14	33.86	36.18	38.67	32.35	33.06	35.32	37.75	31.56 32	32.25 34	34.46 36	36.83 29.	29.98 30.	30.64 32	32.73 34.99	77.72 6	7 28.38	30.32	32.41
	S/T				0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00 1	1.00 0.	0.84 0.	0.63   1.0	1.00 1.0	1.00 0.1	0.87 0.65	5   1.00	1.00	0.88	99.0
	_ ∆ _				15	23	23	20	16	22	23	20	16	21	22 2	20 1	16 2	20 2:	21 1	19 16	19	19	18	14
13	1350 KW		2.02	2.11	2.20	2.17	2.24	2.33	2.43	2.36	2.43	2.53	2.64	2.52 2	2.60 2.	2.71 2.	2.82 2.0	2.66 2.7	2.74 2.8	2.86 2.98	8   2.78	2.86	2.99	3.11
	Amp				11.6	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.3 1	13.6 14	14.1 14	14.6   14	14.1 14	14.5 15	15.0 15.5	5   15.0	15.3	15.9	16.5
	Hi PF				242	229	246	260	271	260	280	296	309	296	319 3	337 3	351   33	334 35	359 37	379 395	98   9	397	419	437
	Lo PF	_			123	105	112	122	130	109	116	127	135	115 1	122 1	133 1	142   12	120 12	128 13	139 149	9   124	132	144	154
	MBh	_			38.3	32.0	32.7	35.0	37.4	31.3	31.9	34.1	36.5	30.5	31.2 33	<b>33.3</b> 3!	35.6   29	29.0 29	29.6 31	31.6 33.8	8 26.8	27.4	29.3	31.3
	T/S			0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00 0	0.97 0.	0.79	0.59   1.0	1.00 1.0	1.00 0.	0.82 0.61	1   1.00	1.00	0.83	0.62
	ΔT			24	19	29	28	24	19	29	28	24	19	28	28 2	25	20 2	27 2	28 2	24 19	25	26	23	18
80 88	986 kw			2.06	2.15	2.12	2.19	2.28	2.38	2.31	2.38	2.48	2.59	2.47 2	2.54 <b>2.</b>	2.65 2.	2.76   2.0	2.61 2.6	2.68 2.	2.80 2.92	2   2.72	2.80	2.92	3.05
	Amb			11.0	11.4	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0 1	13.4 13	13.8 1	14.3   13	13.9 14	14.2 14	14.7 15.2	2   14.7	15.1	15.6	16.2
	Hi PF			227	237	224	241	255	266	255	275	290	302	291	313 3	<b>330</b> 3	345 32	327 35	352 37	372 388	8 361	389	411	428
	Lo PF	-		113	120	103	109	120	127	107	114	124	132	112	120 1	131 1	139   11	118 12	125 13	137 146	5   122	130	141	151
	MBh	133.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.6	32.3	34.5	36.8	30.8	31.5 33	33.6 3	35.9   29	29.3 29	29.9 31	31.9 34.1	1   27.1	27.7	29.6	31.6
	S/T			0.73	0.55	1.00	0.94	92.0	0.57	1.00	96.0	0.78	0.58	1.00 0	0.99 0.	0.81 0.	0.60   1.0	1.00 1.0	1.00 0.1	0.84 0.62	2   1.00	1.00	0.84	0.63
	ΔT			23	19	28	27	24	19	28	27	24	19	27	27 2	24 1	19 2	26 20	26 2	23 19	24	24	22	17
10	1050 kW			2.07	2.16	2.13	2.19	2.29	2.39	2.32	2.38	2.49	2.59	2.48 2	2.55 2.	2.66 2.	2.77   2.6	2.61 2.6	2.69 2.8	2.81 2.93	3 2.73	2.81	2.93	3.06
	Amp			11.0	11.4	11.3	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.1 1	13.4 13	13.8 14	14.4   13	13.9 14	14.3 14	14.7 15.3	3   14.7	15.1	15.6	16.2
	Hi PF			228	238	225	242	256	267	256	275	291	303	292	314 3.	331 3	346 32	328 35	353 37	373 389	362	390	412	430
	Lo PF	R 98	104	113	121	103	110	120	128	107	114	125	133	113 1	120 1	131 1	139   11	118 12	126 13	137 146	5   122	130	142	151

		MBh	34.52	35.19	36.85	39.32	33.72	34.37	36.00	38.40	32.92	33.55	35.14	37.49	32.11	32.73	34.28	36.57	30.51	31.10	32.57	34.75	28.26	28.81	30.17	32.19
		S/T	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.85	1.00	1.00	1.00	0.85
		ΤΔ	24	24	23	50	23	23	23	20	22	23	23	20	22	22	23	20	21	21	22	20	19	70	21	19
	1350	××	1.98	2.04	2.13	2.22	2.20	2.26	2.36	2.46	2.38	2.45	2.56	2.67	2.55	2.62	2.74	2.85	2.69	2.77	2.89	3.01	2.81	2.89	3.02	3.15
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.2	12.7	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.1	15.5	16.0	16.6
		Hi PR	506	222	234	244	231	249	263	274	263	283	299	312	299	322	340	355	337	363	383	399	372	401	423	441
		Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155
_		MBh	33.4	34.0	35.6	38.0		33.2	34.8	37.1	31.8	32.4	34.0	36.2	31.0	31.6	33.1	35.3	29.5	30.0	31.5	33.6	27.3	27.8	29.1	31.1
		S/T	0.99	0.95	98.0	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	31	30	59	25	30	31	29	25	30	30	29	25	29	29	29	25	27	28	29	25	25	56	27	23
82	986	Κ×	1.94	2.00	2.08	2.18	2.15	2.21	2.31	2.41	2.33	2.40	2.50	2.61	2.50	2.57	2.68	2.79	2.63	2.71	2.83	2.95	2.75	2.83	2.95	3.08
		Amps	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		Hi PR	202	217	230	239		244	258	569	258	277	293	305	294	316	334	348	330	355	375	391	365	393	415	432
		Lo PR	86	105	114	122	104	111	121	129	108	115	125	134	113	121	132	140	119	127	138	147	123	131	143	152
_		MBh	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.5	35.7	29.8	30.3	31.8	33.9	27.6	28.1	29.4	31.4
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	92.0	1.00	1.00	96.0	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		ΤΔ	59	29	28	24	59	29	28	24	28	29	28	24	27	28	28	24	56	27	28	24	24	25	56	22
	1050	××	1.95	2.00	2.09	2.18	2.16	2.22	2.32	2.42	2.34	2.41	2.51	2.62	2.50	2.58	2.69	2.80	2.64	2.72	2.84	2.96	2.76	2.84	2.96	3.09
		Amps	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.5	12.3	12.6	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.4	14.9	15.4	14.9	15.2	15.8	16.4
		Hi PR	203	218	230	240	227	245	258	569	259	278	294	306	294	317	335	349	331	356	376	393	366	394	416	434
		Lo PR	66	105	115	122	104	111	121	129	108	115	126	134	114	121	132	141	119	127	139	148	123	131	143	153
IDR. Fnt	aring Inde	IDB: Entering Indoor Dry Bulb Temperature	Ih Temner	rature						5	Shaded area reflects AHBI	rea refle		conditions	nc nc							Amns -	Ame - and the state of the same	r init ar	woo) suc	ne +fan)

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

#### EXPANDED COOLING DATA — GSX130361E\* / CA\*F3636\*6D\*

		65				75				ENTERIN	G INDO	OR WET	BULB TE	95 EMPERA	TURE			105	<u>ام</u> ا			115	
	63	$\vdash$	29	71	-	Н		71	59	63	29	71	:Н			71	$\vdash$	63	67	71	59	63	67
MBh 32.9 34.1	34.1		37.4	,	32.2	~ .	36.5	1	31.4	32.5	35.7	,	30.6	31.7	34.8		29.1	30.2	33.0	,	27.0	27.9	30.6
	ს.ხა 15		0.45 11				0.46 12		0.82 18	0.69 15	0.48 12				0.49 12			0.74 15	0.51 11	' '	u.89 (	U. /4 14	0.51 11
4	2.49		2.55	,			2.73	,	2.75	2.80	2.88	-			3.02	,		3.05	3.14	-	3.08	3.14	3.24
_	6.6		10.0			~	10.5	,	10.6	10.8	11.0	1			11.4	,		11.6	11.8	,	11.8	12.0	12.2
ε.	197		208				234	1	234	252	266				302	1		322	340	1	331	356	376
	IOI	- 1	077			١.	11/		104	111	121		ł		127		ł	122	134	'	27.5	120	138
0 4	33.1		36.3 0.43			32.4	35.5 0.44		30.5	31.6 0.65	34.6 0.45	1 1			33.8 0.47			29.3 0.70	32.1 0.49	' '	26.2	27.1 0.71	29.7 0.49
_	16		12				12	,	18	16	12	,			12	,		16	12		17	15	11
7	2.47		2.54			_	2.71	,	2.73	2.78	2.86	1			3.00	,		3.02	3.11	1	3.06	3.12	3.21
_	8.6		10.0	,		-	10.4		10.6	10.7	10.9	-			11.3	,		11.5	11.8		11.8	11.9	12.2
	195		206				231	1	231	249	263	1			299	1		319	337		328	353	372
ا ـ	30.6	1.	33.5				32.7	<del>                                     </del>	28.1	29.2	31.9	.   .			31.2	<del>,</del>   ,		27.0	29.6		24.2	25.0	27.4
) <del>_</del>	0.59		0.41				0.43		0.76	0.63	0.44	1		_	0.45			0.68	0.47		0.82	0.68	0.47
	16		12				12		19	16	12				12	,		16	12	,	17	15	11
۲,	2.42		2.48			~	2.65		2.67	2.72	2.80	,			2.93	,		2.96	3.04	'	2.99	3.05	3.14
.0	9.7		8.6			_	10.3	,	10.4	10.5	10.7	1			11.1	,		11.3	11.6	,	11.6	11.7	12.0
9	189	_	200			212	224		224	242	255				291	,		309	327	1	318	342	361
	97		106	-			112	1	100	107	116	-			122	1	ł	117	128		114	121	133
	~	ا ا	373	40.0			36.4	30.1	31.0	32 0	35.6	$\vdash$				37.3	29.6	30.5		H	A 7.0	787	30.5
	0.	. 6	09.0	0.38		_	0.62	0.40	0.93	0.84	0.63			_		0.42	1.00	06.0	_		1.00	06.0	0.68
	18		15	10			15	11	20	19	15					11	20	19			19	17	14
2.46 2.50	2.5(	0	2.57	2.65		_	2.75	2.83	2.77	2.82	2.91					3.14	3.01	3.07			3.10	3.17	3.26
	9.6	_	10.1	10.3		~	10.5	10.7	10.7	10.8	11.0					11.7	11.5	11.7			11.9	12.1	12.3
	13	6	210	219			236	246	236	254	268					319	303	326			334	360	380
	3  2	2 2	211	119			IIS	126	105	112	123	+				13/	116	124		+	120	178	139
32.5 33 0.84 0.7	23	υ'n	30.2	38.9	31.8 0.87	32.7	55.4	38.0	3T.U	31.9 0.80	34.5 0.60	37.T	30.2 0.92	51.1	33.7	35.2	0.95	0.85	32.U	34.4	96.0	27.4	29.7
	13		16	11			16	11	21	19	16					11	21	19			20	18	15
	2.4	6	2.56	2.63			2.73	2.81	2.75	2.80	2.89					3.11	2.99	3.05	,		3.08	3.14	3.24
	9.6	6	10.0	10.2		~	10.5	10.7	10.6	10.8	11.0	—				11.6	11.4	11.6		_	11.8	12.0	12.2
	19	_	208	217			234	244	234	252	592	_				316	300	322		_	331	326	376
	$\exists$	)1	110	118			117	124	104	111	121	-				136	115	122		_	119	127	138
	3	6.0	33.4	35.9		٥.	32.7	35.1	28.6	29.5	31.9					33.4	26.5	27.3			24.6	25.3	27.4
	0	.72	0.55	0.35			0.57	0.36	98.0	0.77	0.58	_				0.39	0.92	0.82	_	_	0.93	0.83	0.63
		20	16	11			16	11	22	20	16					11	21	20			20	18	15
	7	.43	2.50	2.57		0	2.67	2.75	2.69	2.74	2.82					3.04	2.92	2.98			3.01	3.07	3.16
	0,	9.7	6.6	10.1		_	10.3	10.5	10.5	10.6	10.8					11.4	11.2	11.4			11.6	11.8	12.0
	7	91	202	211			227	236	227	244	258					306	291	313			321	345	365
	6	8	107	114			113	121	101	108	118	_				132	112	119			115	123	134

Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions Shaded area reflects ACCA (TVA) conditions kW = Total system power

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

## Expanded Cooling Data — GSX130361E\* / CA\*F3636\*6D\* (cont.)

												0	OUTDOOR	AMBIENT		TEMPERATURE										
				65	65ºF			75	75ºF			85	    -	М		959				105ºF	L			115ºF		
												ENTERI	NG INDO	OR WET	· BULB TE	MPERA	TURE									
IDB	AIRF	AIRFLOW	59	63	29	71	59	63	29	71	59	63	67	71	Н	Н	Н	Н	Н	Н	Н	Ш	Н	Н	Н	71
		MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9			,									5.6
		S/T	0.96	0.90	0.74	0.6	1.00	0.94	0.76	0.57	1.00	96.0	0.78	9.0		_	_			_					_	.63
	1350	- ×	2.48	2.52	2.59	2.7	2.64	2.69	2.77	2.85	2.79	2.85	2.93	3.0												.39
		/anos	9.8	10.0	10.1	10.3	10.2	10.4	10.6	10.8	10.7	10.9	11.1	11.3												2.7
		Hi PR	187	201	212	221.5	210	226	238	249	238	257	271	282.7							,					001
		Lo PR	97	103	113	120.0	103	109	119	127	107	113	124	131.8		I		$\dashv$	ł		` '	_				.50
		MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8												1.6
		S/T	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.54	0.98	0.92	0.75	9.0												09'
		ΤΔ	23	22	19	16	24	23	20	16	24	23	20	16												15
8	1200	≥ (	2.46	2.50	2.57	2.6	2.62	2.67	2.75	2.83	2.77	2.82	2.91	3.0												.36
		/anos	9.8	9.6	10.1	10.3	10.2	10.3	10.5	10.7	10.7	10.8	11.0	11.3							•					2.6
		Lo PR	96	102	112	118.8	102	108	118	126	105	254 112	123	130.5	111	118	306 129	319	303 116	320 124	344 3 135 1	338.0 143.6	334 3 120 1	360 3 128 1	380 3 140 1	396 149
		MBh	30.5	31.2	33.3	35.6	29.8	30.5	32.6	34.8	29.1	29.8	31.8	34.0	1		``'	⊬			1	<u> </u>				9.5
		S/T	0.89	0.83	0.68	0.5	0.92	98.0	0.70	0.52	0.94	0.88	0.72	0.5		_	_	_	_	_			_	_	_	.58
		ΤΔ	24	23	20	16	24	23	20	16	24	23	20	16				—				_				15
	1050	κ	2.41	2.45	2.52	5.6	2.57	2.62	2.69	2.77	2.71	2.76	2.84	2.9			,	_								- 53
		/anos	9.7	8.6	6.6	10.1	10.0	10.2	10.4	10.6	10.5	10.6	10.8	11.1				_								2.4
		Hi PR	179	193	204	212.7	201	217	229	239	229	246	260	271.5				_			,					884
		Lo PR	93	66	108	115.3	86	105	114	122	102	109	119	126.6				$\dashv$			` '	_				44
																		ŀ								
		MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3													2.3
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94								_					.82
		ΔT	24	23	22	19	23	24	22	19	23	23	22													18
	1350	×	2.49	2.54	2.61	2.68	2.66	2.71	2.79	2.87	2.81	2.87	2.95													.42
		/anos	6.6	10.0	10.2	10.4	10.3	10.4	10.6	10.8	10.8	10.9	11.1													2.7
		Hi PR	189	203	214	224	212	228	241	251	241	259	274													104
		Lo PR	98	104	114	121	104	110	170	128	108	114	125	-	-	-		$\dashv$	-			+		-	-	152
		MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3													1.4
		1/5	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89													8/.
Ļ	,	- X	7,48	24	23	7 5	25	52,	23	79.5	27	25	707										•			ــــر در
6	1200	/200c	2.48	10.0	2.59	10.2	4.04	20.7	10.6	2.65	27.7	4.85	2.93										.,			25.
		Hi PR	187	20.2	212	22.2	210	226	738	249	738	25.2	271													
		Lo PR	97	103	113	120	103	109	119	127	107	113	124	132	112	119	130	138	117	125	136	145 1	121 1	129 1	141 1	150
		MBh	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	29.6	30.2	31.6	<u> </u>				<u> </u>				<u> </u>	` `			9.0
		S/T	0.93	0.90	0.81	99.0	96.0	0.93	0.84	0.68	0.99	0.95	98.0								_					.75
		ΤΔ	25	25	24	20	56	25	24	21	56	25	24													19
	1050	×	2.42	2.47	2.54	2.61	2.59	2.64	2.71	2.79	2.73	2.78	2.86													.31
		/anos	9.7	8.6	10.0	10.2	10.1	10.2	10.4	10.6	10.6	10.7	10.9													2.5
		Hi PR	181	195	206	215	203	219	231	241	231	249	263													888
	]	LOTA	174	TOO	TOD	OTT	55	TOO	CTT	153	FOT	011	140	⊣ :	Ι.	ł		4				4		ł		,
IDB: Ent High and	ering Ind I low pre	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valw	ulb Temp ! measur	erature ed at the	liquid aı	nd suctic	ın servic	e valves.			-, -	shaded a. :W = Tota	rea refle. Il system	cts AHRI power	condition	SI	۵	esign Subcooling 9 ±3	bcooling	₩.	Amp: ### Amp: ####################################	Amps = c uid servic	utdoor u se valve,	unit amp: ARI 95 te	s (comp. est condi	.+fan) itions

#### EXPANDED COOLING DATA — GSX130421B\* / CA\*F3642\*6B\*

											0	UTDOO	R AMBI	OUTDOOR AMBIENT TEMPERATURE	<b>IPERATI</b>	JRE									
			9	65ºF				75ºF			8	85ºF			6	95ºF			10	105ºF			115ºF	₽£	
											ENTER	ING IND	OOR W	/ET BULI	3 TEMPE	ENTERING INDOOR WET BULB TEMPERATURE									
AIF	AIRFLOW	H	63	67	71	29	63	67	71	29	63	67	71	59	63	67	71	59	63	67	71	59	63	29	71
	MBh	_	37.3	40.9		35.2		39.9		34.3	35.6	39.0		33.5	34.7	38.0		31.8	33.0	36.1		29.5	30.5	33.5	
	S/T		0.57	0.40	•	0.71		0.41	ı	0.73	0.61	0.42	1	0.75	0.63	0.44	•	0.78	0.65	0.45	1	0.79	99.0	0.46	
	ΔT		16	12	1	19		12	1	19	16	12	1	19	16	12	•	19	16	12	,	17	15	11	,
1225	Α×	2.78	2.84	2.92	•	2.98	3.04	3.13	•	3.15	3.21	3.31	1	3.30	3.37	3.47	•	3.43	3.50	3.61	,	3.54	3.61	3.73	
	Amps		10.9	11.2	•	11.5		12.1	•	12.5	12.7	13.2	•	13.3	13.6	14.0	•	14.1	14.5	14.9	-	14.9	15.3	15.8	ı
	Hi PR		225	238	٠	235		267	٠	267	288	304	•	304	328	346	٠	343	369	389	,	378	407	430	
	Lo PR	_	107	117	٠	106		124	٠	111	118	129	•	116	124	135	٠	122	130	141	,	126	134	146	
	MBh	_	40.4	44.3		38.1		43.3		37.2	38.5	42.2		36.3	37.6	41.2		34.5	35.7	39.1	-	31.9	33.1	36.3	
	S/T		0.59	0.41	٠	0.74		0.43	1	0.76	0.63	0.44	٠	0.78	0.65	0.45	٠	0.81	0.68	0.47	,	0.82	0.68	0.47	
	ΤΔ		16	12	٠	18		12	٠	18	16	12	•	19	16	12	٠	18	16	12	,	17	15	11	,
1400			2.90	2.98	1	3.05			•	3.22	3.29	3.39	1	3.38	3.45	3.55	•	3.51	3.58	3.70		3.63	3.70	3.82	
	Amps		11.2	11.6	1	11.8		12.5	ı	12.8	13.1	13.5	1	13.7	14.0	14.4	•	14.5	14.9	15.3	,	15.4	15.7	16.2	,
	Hi PR	_	232	245	•	242		275	1	276	297	313	•	314	338	357	٠	353	380	401	,	390	420	443	,
	Lo PR	_	111	121	•	110		127	-	114	121	132	•	120	127	139		126	134	146	-	130	138	151	
	MBh	_	41.6	45.6		39.2		44.6	٠	38.3	39.7	43.5		37.4	38.7	42.4		35.5	36.8	40.3	1	32.9	34.1	37.3	
	S/T		0.62	0.43	1	0.77		0.45		0.79	99.0	0.46	1	0.82	0.68	0.47	•	0.85	0.71	0.49		98.0	0.72	0.50	
	ΔT	_	15	11	1	18		12	1	18	15	12	1	18	15	12	•	18	15	12	,	16	14	11	,
1575			2.92	3.01	•	3.07		3.22	1	3.25	3.31	3.41	•	3.41	3.48	3.58	•	3.54	3.61	3.73	,	3.66	3.73	3.85	,
	Amps		11.3	11.7	1	11.9		12.6	ı	12.9	13.2	13.6	1	13.8	14.1	14.6	•	14.6	15.0	15.5	1	15.5	15.9	16.4	1
	Hi PR	_	235	248	•	245		278	•	278	300	316	•	317	341	360	,	357	384	405	,	394	424	448	,
	Lo PR		112	122	1	111		129	1	115	123	134	1	121	129	141	,	127	135	147	,	131	140	152	,

		MBh	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.8	34.1	35.1	38.0	40.7	32.4	33.3	36.1	38.7	30.0	30.9	33.4	35.8
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	98.0	0.77	0.58	0.37	0.89	0.79	09.0	0.39	06.0	0.80	0.61	0.39
		ΤΔ	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	10
	1225	kw	2.80	2.86	2.94	3.03	3.00	3.06	3.15	3.24	3.17	3.24	3.33	3.44	3.33	3.39	3.50	3.61	3.46	3.53	3.64	3.75	3.57	3.64	3.76	3.88
		Amps	10.8	11.0	11.3	11.8	11.6	11.9	12.2	12.7	12.6	12.9	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.6	15.1	15.6	15.1	15.4	15.9	16.5
		Hi PR	212	228	240	251	237	256	270	281	270	291	307	320	308	331	350	365	346	372	393	410	382	411	434	453
		Lo PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157
_		MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	09.0	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		ΤΔ	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
75	1400	ΚW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.52	3.41	3.48	3.58	3.70	3.54	3.61	3.73	3.84	3.66	3.73	3.85	3.97
		Amps	11.0	11.3	11.7	12.1	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	13.8	14.1	14.6	15.1	14.6	15.0	15.5	16.1	15.5	15.9	16.4	17.0
		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
		MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	99.0	0.42
		ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	1575	kW	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.35	3.27	3.34	3.44	3.55	3.43	3.50	3.61	3.72	3.57	3.64	3.76	3.87	3.68	3.76	3.88	4.00
		Amps	11.1	11.4	11.8	12.2	12.0	12.3	12.7	13.2	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.2	14.8	15.1	15.6	16.2	15.6	16.0	16.5	17.2
		Hi PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	409	427	398	428	452	472
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164
IDB: Enter	ring Inde	IDB: Entering Indoor Dry Bulb Temperature	ulb Temp	erature							Shaded	area refl	ects ACC	A (TVA)	Shaded area reflects ACCA (TVA) conditions	S						Amps	Amps = outdoor unit amps (comp.+fan	r unit an	mos) sdı	p.+fan)
High and	low pre	High and low pressures are measured at the liquid and suction service valves.	measur	ed at the	liquid ar	nd suctic	n service	e valves.															~	kW = Total system power	ıl system	ı power

## Expanded Cooling Data — GSX130421B\* / CA\*F3642\*6B\* (cont.)

			4±59	1								u				١.									
				<u>.</u>			75ºF	占			85ºF	_			95ºF		$\dashv$		105ºF		-		115ºF		
IDB AIRF										_	ENTERIN	IG INDO	ENTERING INDOOR WET		<b>BULB TEMPERATURE</b>	TURE									
	AIRFLOW	59	63	67	71	29	63	29	71	59	63	67	71	29	63	29	71	29	63	.   29	71   5	29 (	9   89	67 7	71
	MBh	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.5	34.7	35.4	37.8	40.5	32.9	33.6	36.0 3	38.4   30	30.5	1.2 3	33.3 3	35.6
	S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	69.0	0.52	0.94	0.88	0.72 (	0.54 (	0.97	0.91	0.74 0	0.56 0.	0.98 0	0.92 0.	0.75 0.	0.56
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22 1	19 1	15
1225	Α×	2.82	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.46	3.35	3.42	3.53	3.64	3.48	3.56	3.67	3.78 3.	3.60 3	3.67 3.	3.79 3.	3.91
	Amps	10.8	11.1	11.4	11.9	11.7	12.0	12.4	12.8	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.4	14.7	15.2	15.8	15.2 1	15.6 16	.6.1 1	16.7
	Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397 4	414 3	386 4	416 43	439 4	458
	Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144 1	154 1	129 1	137 14	149 1	159
	MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0 4	41.6	33.0 3	33.8 36	36.1 33	38.6
	S/T	0.89	0.83	0.68	0.51	0.92	98.0	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00 (	0.95 (	0.77 0	0.58 1	0 00.1	0.96 0.	0.78 0.	0.58
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21 1	18 1	15
80 1400	Κ	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.35	3.27	3.34	3.44	3.55	3.43	3.50	3.61	3.72	3.57	3.64	3.76 3	3.88	3.68 3	3.76 3.	3.88 4.	4.01
	Amps	11.1	11.4	11.8	12.2	12.0	12.3	12.7	13.2	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.2	14.8	15.1	15.6 1	16.2   1	15.6 1	16.0 16	16.5 1	17.2
	Hi PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	410 4	427   3	398 4	428 4	452 4	472
	Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149 1	158 1	133 1	141 1	154 1	164
	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6 4	40.1 4	42.9 3	34.0 3	34.8 37	37.2 39	39.7
	S/T	0.93	0.87	0.71	0.53	96.0	06.0	0.74	0.55	1.00	0.93	0.75	0.56	1.00	96.0	0.78	0.58	1.00	1.00 (	0.81 0	0.60 1.	1.00 1	1.00 0.1	0.82 0.	0.61
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	22	19	15 2	20	20 1	18 1	14
1575	×	2.91	2.96	3.05	3.14	3.11	3.18	3.27	3.37	3.30	3.36	3.47	3.58	3.46	3.53	3.64	3.75	3.60	3.67	3.79 3	3.91 3.	3.71 3	3.79 3.	3.91 4.	4.04
	Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.8	13.3	13.1	13.5	13.9	14.4	14.0	14.4	14.8	15.4	14.9	15.3	15.8 1	16.4   1!	15.8 1	16.2 16	.6.7 1	17.3
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	383	364	395	414 4	431   4	402 4	433 45	457 4	477
	Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150 1	160   1	134 1	142 1	155 1	166

		MBh	37.9	38.6	40.5	43.2	37.0	37.7	39.5	42.2	36.2	36.9	38.6	41.2	35.3	36.0	37.7	40.2	33.5	34.2	35.8	38.2	31.0	31.6	33.1	35.4
		S/T	06.0	0.87	0.78	0.63	0.93	06.0	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	98.0	0.70	1.00	0.99	0.89	0.72	1.00	0.99	06.0	0.73
		ΔT	56	25	24	21	56	25	24	21	56	25	24	21	56	56	24	21	25	25	24	21	23	24	22	19
	1225	kW	2.84	2.90	2.98	3.07	3.04	3.11	3.20	3.29	3.22	3.29	3.39	3.49	3.38	3.45	3.55	3.66	3.51	3.58	3.70	3.81	3.63	3.70	3.82	3.94
		Amps	10.9	11.2	11.6	12.0	11.8	12.1	12.5	12.9	12.8	13.1	13.5	14.0	13.6	14.0	14.4	15.0	14.5	14.9	15.3	15.9	15.4	15.7	16.2	16.8
		Hi PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	418	390	420	443	462
		Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	130	138	151	161
		MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	36.3	37.0	38.8	41.3	33.6		35.9	38.3
		S/T	0.93	0.90	0.81	99.0	96.0	0.93	0.84	0.68	0.99	0.95	98.0	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00		0.93	0.75
		ΔΤ	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	23	22	19
82	1400	ķ	2.91	2.96	3.05	3.14	3.11	3.18	3.27	3.37	3.30	3.36	3.47	3.58	3.46	3.53	3.64	3.75	3.60	3.67	3.79	3.91	3.71		3.91	4.04
		Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.8	13.3	13.1	13.5	13.9	14.4	14.0	14.4	14.8	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.7	17.3
		Hi PR	223	240	253	264	250	569	284	296	284	306	323	337	324	348	368	383	364	392	414	431	402	433	457	477
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
		MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.4	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6		37.0	39.4
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	92.0	1.00	1.00	0.97	0.78	1.00		96.0	0.79
		ΤΔ	24	24	22	19	24	24	23	20	24	24	23	20	23	23	23	20	22	22	23	20	20	21	21	18
	1575	×	2.93	2.99	3.07	3.17	3.14	3.20	3.30	3.40	3.32	3.39	3.49	3.60	3.49	3.56	3.67	3.78	3.62	3.70	3.82	3.94	3.74	3.82	3.94	4.07
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.5	14.2	14.5	15.0	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5
		Hi PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	462	481
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
IDB: Ent	ering Ind	DB: Entering Indoor Dry Bulb Temperature	dmaT dlu	erature						3,	Shaded area reflects AHRI conditions	rea refle	cts AHRI	conditic	suc							Amps =	Amps = outdoor unit amps (comp.+fan	unit am	ps (com	p.+fan)
High an	d low pre.	High and low pressures are measured at the liquid and suction service valve	measur	ed at the	liquid ar	nd suctio	n service	valves.															¥	<w =="" power<="" system="" td="" total=""><td>system</td><td>power</td></w>	system	power

#### EXPANDED COOLING DATA — GSX130481B\* / CA\*F4860\*6B\*

				100			1				} 5			NI IEINI	OCIDOON AMBIENI IEMITENALONE	֓֞֜֜֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓			10,	Ŀ	r		7	١	
			9	4559F			75ºF	L.			85ºF	الله الله	85ºF		95ºF	F			105ºF	L.			115ºF	H.	
MO III		5	63	67	11	59	63	67	71	50	63 63	67 FA	71 71	59	63 67	Aluke 67	71	67	63	67	11	59	63	67	11
MBh 40.	-	40.4	41.9	45.9		39.5	40.9	44.8		38.5	39.9	43.7		37.6	38.9	42.7		35.7	37.0	40.5		33.1	34.3	37.5	۱ .
S/T	_	0.71	0.59	0.41	ı	0.73	0.61	0.42	1	0.75	0.63	0.44	,	0.78	0.65	0.45		0.81	0.67	0.47	-	0.81	0.68	0.47	1
ΔT		19	16	12	1	19	16	12	,	19	16	13	,	19	17	13	,	19	16	12	,	18	15	12	,
kW		3.17	3.23	3.32	ı	3.39	3.46	3.56	,	3.59	3.66	3.77	,	3.77	3.84	3.96	,	3.91	4.00	4.12	,	4.04	4.13	4.26	,
Amps		11.6	11.9	12.3	ı	12.6	12.9	13.3	,	13.7	14.0	14.5	,	14.6	15.0	15.5		15.5	15.9	16.5	,	16.5	16.9	17.4	1
Hi PR		215	231	244	1	241	259	274	,	274	295	311	,	312	336	354	,	351	377	399	,	388	417	440	,
Lo PR		104	111	121		110	117	128	,	115	122	133	,	120	128	140	-	126	134	146	-	130	139	151	
MBh		43.8	45.4	49.7		42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	
S/T		0.73	0.61	0.43	1	92.0	0.64	0.44	,	0.78	0.65	0.45	,	0.81	0.67	0.47		0.84	0.70	0.48	,	0.84	0.70	0.49	
ΔT		18	16	12	1	19	16	12	,	19	16	12	_	19	16	12	,	19	16	12	_	17	15	11	
Ϋ́		3.24	3.30	3.40	1	3.47	3.54	3.65	,	3.67	3.75	3.87	-	3.86	3.94	4.06	,	4.01	4.09	4.22	-	4.14	4.23	4.36	ı
Amps		12.0	12.3	12.7	1	12.9	13.2	13.7	,	14.1	14.4	14.9	,	15.0	15.4	15.9	,	16.0	16.4	16.9	,	16.9	17.4	17.9	,
Hi PR		221	238	251	1	248	267	282	,	282	304	321	•	321	346	365	_	362	389	411	_	400	430	454	,
Lo PR		108	114	125	1	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	
MBh		45.1	46.7	51.2	1	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2		36.9	38.2	41.9	1
S/T		0.77	0.64	0.45	ı	0.80	0.67	0.46	,	0.82	0.68	0.47	-	0.85	0.71	0.49	,	0.88	0.73	0.51	1	0.88	0.74	0.51	1
ΤΔ		18	15	12	ı	18	16	12	,	18	16	12	,	18	16	12	,	18	15	12	_	17	14	11	,
×		3.26	3.33	3.42	1	3.50	3.57	3.67	,	3.70	3.78	3.90	•	3.89	3.97	4.09	,	4.04	4.13	4.26	_	4.18	4.26	4.40	,
Amps		12.1	12.4	12.8	1	13.0	13.4	13.8	,	14.2	14.5	15.0	-	15.2	15.5	16.0		16.1	16.5	17.1	-	17.1	17.5	18.1	
Hi PR		223	240	254	1	251	270	285	,	285	307	324	,	325	349	369	,	365	393	415	,	404	434	459	,
Lo PR		109	116	126	'	115	122	133	-	119	127	139	'	125	133	146	-	131	140	152	-	136	144	158	٠
MBh		41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
S/T		0.81	0.72	0.55	0.35	0.83	0.75	0.56	98.0	0.86	0.77	0.58	0.37	0.88	0.79	09.0	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
ΔT		22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11

		MBh 4	41.1 42	42.3 45.8	.8 49.1	1 40.1	1 41.3	3 44.7	7 48.0	39.2	2 40.3	3 43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
		S/T (	0.81 0.	0.72 0.55	55 0.35	5 0.83	3 0.75	5 0.56	98.0 99	5 0.86	6 0.77	7 0.58	3 0.37	0.88	0.79	09.0	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
		ΔT	22 2	20 10	16 11	1 22	20	17	7 11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
	1400	K W	3.19 3.	3.25 3.3	3.35 3.45	3.42		3.59	3.70	3.62	2 3.69	3.80	3.92	3.79	3.87	3.99	4.12	3.95	4.03	4.15	4.29	4.08	4.16	4.29	4.43
		Amps	11.7 12	12.0 12	12.4 12.9	.9   12.7	7 13.0	13.4	.4 13.9	9 13.8	8 14.1	14.6	15.1	14.7	15.1	15.6	16.2	15.7	16.1	16.6	17.2	16.6	17.0	17.6	18.3
		Hi PR	217 23	233 24	246 257	7 243		276	6 288	3 277	7 298	314	328	315	339	358	373	354	381	403	420	391	421	445	464
		Lo PR	105 13	112 12	122 130	0   111		3 129	9 138	3 116	5 123	134	. 143	122	129	141	150	127	136	148	158	132	140	153	163
		MBh	44.5 45	45.8 49	49.6 53.2	.2   43.5		8 48.4	.4 52.0	0 42.4	4 43.7	7 47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T (	0.84 0.	0.75 0.57	57 0.36	16 0.87	_	7 0.59	9 0.38	8 0.89	9 0.79	9 0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	96.0	0.86	0.65	0.42
		ΤΔ	21 2	20 1	16 11	1 22	20	16	5 11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
75	1600	- K	3.26 3.3	3.33 3.42	42 3.53	3 3.50	3.57	7 3.68	8 3.79	9 3.70	3.78	3 3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.26	4.39	4.18	4.26	4.40	4.54
		Amps (	12.1 12	12.4 12	12.8 13.2	2 13.1	1 13.4	13.8	.8 14.3	3 14.2	2 14.5	5 15.0	15.6	15.2	15.5	16.1	16.7	16.1	16.5	17.1	17.7	17.1	17.5	18.1	18.8
		Hi PR	223 24	240 254	54 265	5 251		285	5 297	7 285	307	324	338	325	349	369	385	365	393	415	433	404	434	459	478
		Lo PR	109 11	116 12	126 134	4   115	122	133	3 142	2   119	127	, 139	148	125	133	146	155	131	140	153	162	136	145	158	168
			45.8 47	47.2 51.1	1 54.8	.8 44.8	3 46.1	1 49.9	.9 53.6	5 43.7	7 45.0	7 48.7	, 52.3	42.6		47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
		S/T (	0.88 0.	0.78 0.59	59 0.38	16.0 8	1 0.81	1 0.61	51 0.40	0.93	3 0.83	3 0.63	0.41	0.96	98.0	9.09	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		ΔT	21 1	19 15	5 11	1 21	19	16	5 11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	1800	××	3.29 3.3	3.35 3.4	3.45 3.55	3.52	2 3.59	3.70	70 3.82	2 3.73	3 3.81	1 3.93	4.05	3.92	4.00	4.12	4.26	4.07	4.16	4.29	4.43	4.21	4.30	4.44	4.58
		Amps	12.2 12	12.5 12	12.9 13.4	.4   13.2	2 13.5	5 13.9	.9 14.5	5 14.3	3 14.7	7 15.1	. 15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.2	17.9	17.3	17.7	18.3	19.0
		Hi PR	226 24	243 25	256 267	_	27.	2 288	8 300	) 288	3 310	327	341	328	353	373	389	369	397	419	437	408	439	463	483
		Lo PR	110 13	117 12	127 136	6 116	5 123	135	5 143	3 120	128	3 140	149	127	135	147	157	133	141	154	164	137	146	159	170
IDB: Ente	ering Indo	IDB: Entering Indoor Dry Bulb Temperature	Temperat	nre						Shade	d area re	flects AC	Shaded area reflects ACCA (TVA) conditions	conditi	suc						Amps	Amps = outdoor unit amps (comp.+fan)	r unit ar	nps (corr	np.+fan)
High and	d low pres	High and low pressures are measured at the liquid and suction service valves	neasured a	t the liqu	iid and su	ction serv	vice valve	ëS.														_	kW = Total system power	al systen	power n

## Expanded Cooling Data — GSX130481B\* / CA\*F4860\*6B\* (cont.)

MBH   A18   A2.7   A5.8   A5.8   A5.8     MBH   41.8   42.7   45.6     S/T   0.88   0.83   0.67     AT   24   23   20     AT   24   23   20     AT   24   23   24     Hi PR   219   236   249     Lo PR   106   113   124     Lo PR   106   113   124     MBH   45.3   46.3   49.5     S/T   0.92   0.86   0.70     AT   24   23   20     Hi PR   226   243   256     Hi PR   236   243   256     Hi PR   248   248     Hi PR   248   24																	166		
AIRFLOW         59         63           MBh         41.8         42.7           S/T         0.88         0.83           ΔT         24         23           ΔT         24         23           Amps         11.9         12.1           Hi PR         219         236           Lo PR         106         113           MBh         45.3         46.3           S/T         0.92         0.86           ΔT         24         23           Amps         12.2         12.5           Hi PR         226         243           Lo PR         110         117           MBh         46.7         47.7           S/T         0.96         0.90           S/T         0.96         0.90           AT         23         22           AT         23         22		75ºF	L.	_		85ºF				95ºF			1(	105ºF			1	115ºF	
AIRFLOW         59         63           MBh         41.8         42.7           S/T         0.88         0.83           ΔT         24         23           Amps         11.9         12.1           Hi PR         219         236           Lo PR         106         113           MBh         45.3         46.3           S/T         0.92         0.86           ΔT         24         23           Amps         12.2         12.5           Hi PR         226         243           Lo PR         110         117           MBh         46.7         47.7           S/T         0.96         0.90           S/T         0.96         0.90           S/T         0.96         0.90           AT         23         22					En	ITERING	INDOO	WET E	ULB TEN	ENTERING INDOOR WET BULB TEMPERATURE	RE								
MBh     41.8     42.7       S/T     0.88     0.83       ΔT     24     23       Amps     11.9     12.1       Hi PR     219     236       Lo PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       ΔT     24     23       ΔT     24     23       Amps     12.2     12.5       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90       S/T     0.96     0.90       AT     23     22       AT     23     22	71   59	63	29	71	29 (	63	.   29	71   !	29   6	63 67	, 71	59	63	29	71	59	63	29	71
5/T     0.88     0.83       440     kW     3.21     3.28       Amps     11.9     12.1       Hi PR     219     236       Lo PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       AT     24     23       AT     24     23       AT     24     23       Hi PR     226     243       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90       AT     23     22       AT     23     22	_	41.7	44.6 4	47.7   3	39.9 4	40.7 4	43.5 4	46.5 3	38.9 39	39.7 42.5	5 45.4	4   36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
ΔΤ     24     23       1400     kW     3.21     3.28       Amps     11.9     12.1       Hi PR     219     236       Lo PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       AT     24     23       AT     24     23       Amps     12.2     12.5       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90     0.90       AT     23     22       AT     23     22	—	98.0	0.70	0.52   c	0.94 0	0.88.0	0.72 0	0.54 0	0.97	0.91 0.74	4 0.55	5   1.01	0.94	0.77	0.57	1.01	0.95	0.77	0.58
1400     kW     3.21     3.28       Amps     11.9     12.1       Hi PR     219     236       Lo PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       ΔT     24     23       Amps     12.2     12.5       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90       AT     23     22       AT     23     22	16 25	24	20	16	25	24	20	16	25 2	24 21	. 16	24	23	20	16	23	22	19	15
Amps     11.9     12.1       Hi PR     219     236       Lo PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       ΔT     24     23       Amps     12.2     12.5       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90       AT     23     22       AT     23     22			3.62	3.73   3	3.65 3	3.72 3	3.83 3	3.95 3	3.82 3.	3.90 4.03	3 4.15	5 3.98	4.06	4.19	4.32	4.11	4.20	4.33	4.47
Hi PR 219 236  Lo PR 106 113  MBh 45.3 46.3  S/T 0.92 0.86  ΔT 24 23  ΔT 24 23  Amps 12.2 12.5  Hi PR 226 243  Lo PR 110 117  MBh 46.7 47.7  S/T 0.96 0.90  ΔT 23 22	—	13.1	13.6 1	14.1   1	13.9 1	14.3 1	14.7 1	15.3   1	14.9 15	15.2 15.8	8 16.3	3   15.8	16.2	16.8	17.4	16.8	17.2	17.8	18.5
LO PR     106     113       MBh     45.3     46.3       S/T     0.92     0.86       ΔT     24     23       1600     kW     3.29     3.35       Amps     12.2     12.5       Hi PR     226     243       Lo PR     110     117       MBh     46.7     47.7       S/T     0.96     0.90       AT     23     22		264	279	291   2	279 3	301	317 3	331 3	318 34	342 362	2 377	7 358	385	407	424	395	426	449	469
MBh 45.3 46.3 S/T 0.92 0.86 ΔT 24 23 1600 kW 3.29 3.35 Amps 12.2 12.5 Hi PR 226 243 Lo PR 110 117 MBh 46.7 47.7 S/T 0.96 0.90 0	_	120	131	139	117 1	124 1	136 1	145 1	123 13	131 143	3 152	2   129	137	149	159	133	142	155	165
5/T 0.92 0.86 ΔT 24 23  1600 kW 3.29 3.35 Αmps 12.2 12.5 Hi PR 226 243 Lo PR 110 117  MBh 46.7 47.7 5/T 0.96 0.90 ΔT 23 22	_	45.2	48.3	51.6   4	43.2 4	44.1 4	47.2 5	50.4 4	42.1 43	43.1 <b>46.0</b>	0 49.2	2   40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
1600 kW 3.29 3.35 Amps 12.2 12.5 Hi PR 226 243 Lo PR 110 117 MBh 46.7 47.7 S/T 0.96 0.90 0.00 ΔΤ 23 22	_	0.89	0.72 0	0.54   0	0.97 0	0.91 0	0.74 0	0.56 1	1.00 0.1	<b>0.94 0.77</b>	7 0.57	7   1.00	0.98	0.80	09.0	1.00	0.99	0.80	09.0
1600         kW         3.29         3.35           Amps         12.2         12.5           Hi PR         226         243           Lo PR         110         117           MBh         46.7         47.7           S/T         0.96         0.90           Δ T         23         22		23	20	16	24	23	20	16	24 2	23 20	16	23	23	20	16	21	21	19	15
12.2 12.5 226 243 110 117 46.7 47.7 0.96 0.90 23 22		3.59	3.70	3.82	3.73 3	3.81 3	3.93 4	4.05 3	3.92 4.	4.00 <b>4.12</b>	<b>2</b> 4.26	6   4.07	4.16	4.29	4.43	4.21	4.30	4.44	4.58
226 243 110 117 46.7 47.7 0.96 0.90 23 22	_	13.5	13.9 1	14.5   1	14.3 1	14.7	15.2 1	15.7   1	15.3 15	15.7 <b>16.2</b>	<b>2</b> 16.8	8   16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0
110 117 46.7 47.7 0.96 0.90 0.33 22	_	272	288	300	288 3	310	327 3	341 3	328 3	353 373	3 389	698   6	397	419	437	408	439	463	483
46.7 47.7 0.96 0.90 23 22	-	123	135	143	120 1	128	140 1	149 1	127 13	135 147	7 157	7 133	141	154	164	137	146	159	170
0.96 0.90 23 22	_		49.7	53.2   4	44.5 4	45.5 4	48.6 5	51.9 4	43.4 44	44.3 47.4	4 50.6	6   41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6
23 22				0.57   1	0 00.1	0 96.0	0.78 0	0.58 1	1.00 1.	1.00 0.80	0 0.60	0   1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		22	19	15	23	22	19	15	22 2	23 19	16	21	22	19	15	20	20	18	14
3.31 3.38			3.73 3	3.85 3	3.76 3	3.84 3	3.96 4	4.08	3.95 4.	4.03 4.16	6 4.29	9   4.11	4.19	4.33	4.47	4.24	4.33	4.47	4.62
12.3 12.6		13.6	14.1	14.6   1	14.4	14.8 1	15.3 1	12.9	15.4 15	5.8 16.4	4 17.0	0   16.4	16.8	17.4	18.1	17.4	17.9	18.5	19.2
228 245		275	291	303   5	291 3	313 3	331 3	345 3	331 35	356 376	6 393	3 373	401	423	442	412	443	468	488
111 118	_	125	136	145   :	122 1	129 1	141 1	151 1	128 13	136 148	8 158	8   134	143	156	166	139	147	161	171

		MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
		S/T	0.93	0.89	0.81	0.65	96.0	0.93	0.84	0.68	0.98	0.95	98.0	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
		ΔT	56	25	24	21	56	56	24	21	56	56	24	21	56	56	25	21	25	25	24	21	23	23	23	20
1	1400	ΚW	3.24	3.30	3.40	3.50	3.47	3.54	3.65	3.76	3.67	3.75	3.86	3.99	3.85	3.94	4.06	4.19	4.01	4.09	4.22	4.36	4.14	4.23	4.36	4.50
	_	Amps	12.0	12.2	12.6	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.9	15.4	15.0	15.4	15.9	16.5	16.0	16.4	16.9	17.6	16.9	17.4	17.9	18.6
_		Hi PR	221	238	251	262	248	267	282	294	282	304	321	334	321	346	365	381	361	389	411	428	399	430	454	473
	_	Lo PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
 		MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		S/T	96.0	0.93	0.84	0.68	1.00	96.0	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	96.0	0.78
		ΔT	25	25	24	20	56	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	22	19
85 1	1600	κw	3.31	3.38	3.48	3.58	3.55	3.62	3.73	3.85	3.76	3.84	3.96	4.08	3.95	4.03	4.16	4.29	4.11	4.19	4.33	4.47	4.24	4.33	4.47	4.62
	_	Amps	12.3	12.6	13.0	13.5	13.3	13.6	14.1	14.6	14.4	14.8	15.3	15.9	15.4	15.8	16.4	17.0	16.4	16.8	17.4	18.1	17.4	17.9	18.5	19.2
		Hi PR	228	245	259	270	256	275	291	303	291	313	331	345	331	326	376	393	373	401	423	442	412	443	468	488
	_	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
		MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	92.0	1.00	1.00	96.0	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
1	1800	ΚW	3.34	3.40	3.50	3.61	3.58	3.65	3.76	3.88	3.79	3.87	3.99	4.11	3.98	4.06	4.19	4.32	4.14	4.23	4.36	4.50	4.28	4.37	4.51	4.65
	_	Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.6	14.9	15.4	16.0	15.6	16.0	16.5	17.1	16.6	17.0	17.6	18.2	17.6	18.0	18.6	19.3
		Hi PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	376	405	428	446	416	448	473	493
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
IDB: Entering Indoor Dry Bulb Temperature	opul gu	or Dry Bu	dməT dlı	erature							Shaded a	ırea refle	cts AHR	Shaded area reflects AHRI conditions	Suc							Amps =	outdoo	Amps = outdoor unit amps (comp.+fan	nps (con	ıp.+fan)

#### Expanded Cooling Data — GSX130601B\* / CA\*F4961\*6A\*

MBH   Solit												J	OUTDOOR AMBIENT TEMPERATURE	R AMB	IENT TEI	MPERATI	JRE										
Name					65	7 <u>9</u> F				75ºF				35ºF			6	5ºF			105	3ºF			115	j.	
Mail													ENTER	ING INI	DOOR V	VET BUL	B TEMPI	RATURE									
MBH   Solidaria    IDB	AIRF	LOW	59	63	29	71	59	$\vdash$	_	71	29	63	67	71	59	63	29	71	29	63	67	71	29	63	29	71	
5/T         6.67         6.56         6.39         -         6.69         6.89         0.99         0.89         0.89         0.99         0.89         0.9			MBh	50.1	51.9	56.8		48.5			-	47.7	49.5		1	46.6		52.9		44.2	45.8	50.2	-	41.0	42.5	46.5	
Mail	_		S/T	0.67	0.56	0.39	•	0.6			1	0.71	0.59	_	1	0.73	_	0.42	•	0.76	0.64	0.44	_	0.77	0.64	0.44	í
1750         kW         3.87         3.95         4.07         4.16         4.28         4.63         4.65         4.63         4.73         4.89         4.89         4.89         4.93         5.09         4.99         5.10           Amps         144         14.8         15.3         1.5         15.6         16.5         1.7         17.4         18.0         1.8         1.8         1.9         1.9         1.9         20.5         1.0         1.0         17.4         18.0         1.8         1.8         1.9         1.9         1.9         20.5         <	_		ΔT	21	18	13	•	21			1	21	18	14	1	21	18	14	•	21	18	14	_	19	17	13	,
HHR 229 246 260 - 257 276 292 - 121 113 113 113 113 113 113 113 113 113		1500	ΚW	3.87	3.95	4.07	•	4.16		1	ı	4.41	4.50	7	1	4.63	4.73	4.89	•	4.82	4.93	5.09	,	4.99	5.10	5.26	
HIPR 229 246 260 - 2 57 276 292 - 1 2 2 31 4 33 5 5 3 35 8 378 - 3 34 403 425 - 1 27 135 135 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_		Amps	14.4	14.8	15.3	•	15.6			1	17.0			1	18.2		19.2	•	19.3	19.8	20.5	_	20.5	21.0	21.7	í
MBh   54,2   56,2   61,6   -			HI PR	229	246	260	٠	257			1	292	314		1	333		378	1	374	403	425	'	413	445	470	,
MBh   S4.2   S6.2   G1.6   -2   S3.0   S4.9   G0.1   -2   S1.7   S3.6   S4.7   C0.4   S2.3   S7.3   -2   S7.3		LO PR	101	108	118	٠	107			1	111	119		1	117		136	1	123	130	142	-	127	135	147		
477         6.69         6.58         6.40         -         6.79         6.62         6.44         -         6.79         6.66         6.46         6.44         6.79         6.66         6.46         6.44         6.79         6.66         6.46         6.44         6.79         6.66         6.46         6.79         6.79         6.79         6.80 </th <th></th> <th></th> <td>MBh</td> <td>54.2</td> <td>56.2</td> <td>61.6</td> <td></td> <td>53.(</td> <td></td> <td></td> <td></td> <td>51.7</td> <td>53.6</td> <td></td> <td></td> <td>50.4</td> <td></td> <td>57.3</td> <td></td> <td>47.9</td> <td>49.7</td> <td>54.4</td> <td>-</td> <td>44.4</td> <td>46.0</td> <td>50.4</td> <td></td>			MBh	54.2	56.2	61.6		53.(				51.7	53.6			50.4		57.3		47.9	49.7	54.4	-	44.4	46.0	50.4	
4 Mb         55.0         17         13         -         4.6         4.76         4.76         -         4.75         4.85         5.01         -         4.95         5.02         17         13         -         4.95         4.76         -         4.75         4.85         5.01         -         4.95         5.02         -         4.95         5.02         -         4.95         4.86         -         4.75         4.86         5.01         -         4.95         5.02         -         1.9         1.9         -         4.95         5.02         -         4.95         5.03         -         4.95         5.03         -         4.95         5.01         -         4.95         5.03         -         4.95         5.03         -         4.95         5.03         -         4.95         5.03         -         4.95         5.03         -         4.95         4.95         4.95         5.03         -         4.95			S/T	69.0	0.58	0.40	٠	0.7.			1	0.74			1	0.76		0.44	1	0.79	99.0	0.46	,	0.80	99.0	0.46	,
4750         KW         3.96         4.04         4.17         -         4.26         4.35         4.46         -         4.17         -         4.26         4.35         4.46         -         4.75         4.86         5.01         -         4.95         5.02         -         5.12         5.22         -         5.12         5.23         -         5.13         5.23         -         5.13         5.23         -         5.13         5.20         -         5.13         5.20         -         5.13         5.13         5.13         5.13         5.13         5.14         5.13         5.14         5.15         5.00         -         6.95         5.00         -         1.95         5.00         -         5.14         5.13         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.14         5.15         5.15         5.15         5.15         5.15         5.15         5.15         5.15         5.15         5.	_		ΔT	20	17	13	•	20			1	20	17	13	1	20	17	13	1	20	17	13	_	19	16	12	,
Amps         14.8         15.2         15.7         16.1         16.4         17.0         -         17.5         18.5         -         18.7         19.1         19.8         -         19.9         20.4         21.1         -         21.1         21.2         13.1         21.2         18.5         -         18.5         -         18.7         19.1         19.1         19.8         -         19.9         20.4         21.1         -         21.1         21.2         11.1         11.2         18.5         30.1         -         11.2         12.2         13.4         34.5         36.9         -         18.6         41.5         43.6         41.5         41.7         41.7         42.0         45.0 <th>_</th> <th>1750</th> <td>××</td> <td>3.96</td> <td>4.04</td> <td>4.17</td> <td>1</td> <td>4.20</td> <td></td> <td>•</td> <td>1</td> <td>4.52</td> <td>•</td> <td>•</td> <td>1</td> <td>4.75</td> <td></td> <td>5.01</td> <td>1</td> <td>4.95</td> <td>5.05</td> <td>5.22</td> <td>,</td> <td>5.12</td> <td>5.23</td> <td>5.40</td> <td>1</td>	_	1750	××	3.96	4.04	4.17	1	4.20		•	1	4.52	•	•	1	4.75		5.01	1	4.95	5.05	5.22	,	5.12	5.23	5.40	1
HIPR 36 554 268 - 6 6 5 285 301 - 301 324 342 - 9 43 369 390 - 386 415 438 - 455 459 459 1 30 1 40 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Amps	14.8	15.2	15.7	1	16.			1	17.5			1	18.7		19.8	1	19.9	20.4	21.1	'	21.1	21.6	22.4	,
MBh   55.9   57.9   63.4   -2   54.6   56.5   62.0   -2   53.3   55.2   60.5   -2   52.0   53.9   59.0   -2   49.4   51.2   56.1   -2   54.4   -2   -2   54.4   -2   -2   -2   -2   -2   -2   -2   -	_		HI PR	236	254	268	•	265			1	301	324		1	343		390	1	386	415	438	<u>'</u>	426	459	484	,
MBh         55.9         63.4         6.5         6.2.0         6.3         6.5.5         6.0.5<			LO PR	105	111	122	1	111			1	115	122	133	1	121	128	140	-	126	135	147	-	131	139	152	
δ/T         0.73         0.61         0.42         -         0.63         0.44         -         0.77         0.65         0.45         -         0.80         0.67         0.46         -         0.83         0.69         0.48         -         0.83         0.70         0.83         0.69         0.48         -         0.83         0.70         0.83         0.69         0.48         -         0.83         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70 <t< th=""><th></th><th></th><td>MBh</td><td>55.9</td><td>57.9</td><td>63.4</td><td></td><td>54.0</td><td></td><td></td><td>1</td><td>53.3</td><td></td><td></td><td></td><td>52.0</td><td></td><td>59.0</td><td></td><td>49.4</td><td>51.2</td><td>56.1</td><td></td><td>45.7</td><td>47.4</td><td>51.9</td><td></td></t<>			MBh	55.9	57.9	63.4		54.0			1	53.3				52.0		59.0		49.4	51.2	56.1		45.7	47.4	51.9	
AT 19 16 12 - 2 19 16 12 - 6 19 16 12 - 6 19 16 12 - 7 19 16 13 - 6 19 16 13 - 7 19 16 13 - 7 19 16 12 - 7 18 15 15 15 15 15 15 15 15 15 15 15 15 15		-	S/T	0.73	0.61	0.42	1	0.75			1	0.77			1	0.80		0.46	1	0.83	0.69	0.48		0.83	0.70	0.48	1
kW         3.99         4.07         4.20         4.38         4.52         -         4.56         4.80         -         4.79         4.89         5.05         -         4.99         5.10         5.26         -         5.16         5.27         -           Amps         15.0         15.3         15.8         -         16.2         16.6         17.2         -         17.6         18.7         -         18.9         19.3         20.0         -         20.1         20.6         21.3         -         21.3         21.8         31.8			ΔT	19	16	12	1	19			1	19		12	1	19		13	,	19	16	12	,	18	15	12	,
15.0     15.3     15.8     -     16.2     16.6     17.2     -     17.6     18.1     18.7     -     18.9     19.3     20.0     -     20.1     20.6     21.3     -     21.3     21.8     31.3     21.8     31.3	. 4	2000	Κ	3.99	4.07	4.20	•	4.25			1	4.56		•	1	4.79		5.05	1	4.99	5.10	5.26	_	5.16	5.27	5.44	,
238         256         271         -         267         288         304         -         304         327         346         -         346         373         394         -         390         419         443         -         463         463           106         112         123         -         116         123         135         -         122         130         142         -         142         -         142         -         148         -         132         141		-	Amps	15.0	15.3	15.8	1	16.2			1	17.6		18.7	1	18.9		20.0		20.1	20.6	21.3	,	21.3	21.8	22.6	
106 112 123 -   112 119 130 -   116 123 135 -   122 130 142 -   128 136 148 -   132 141			HI PR	238	256	271	1	267			1	304	327	346	1	346		394	1	390	419	443	,	430	463	489	,
			LO PR	106	112	123	1	112			•	116		135	1	122	130	142	1	128	136	148	,	132	141	153	

		MBh	50.9	52.4	56.7	6.09		51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8									46.4	49.8
		<u>_</u>	0.76	0.68	0.51	0.33	_	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.75	0.56	_		0.//	_	_	0.87	0.78	0.59	0.38
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
	1500	×	3.90	3.98	4.10	4.23	4.19	4.28	4.41	4.55	4.45	4.54	4.68	4.84	4.67	4.77	4.93	5.09	4.86	4.97	5.13 5	5.30	5.03	5.14	5.31	5.48
		Amps	14.6	14.9	15.4	16.0	15.8	16.1	16.7	17.3	17.1	17.6	18.1	18.8	18.3	18.8	19.4	20.2	19.5	20.0		21.5	20.7	21.2	21.9	22.8
		HI PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430 4	448	418	449	475	495
		LO PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159
		MBh	55.1	56.8	61.5	0.99	53.9	55.5	0.09	64.4	52.6	54.1	58.6	67.9	51.3	52.8	57.2	61.4   4	48.7	50.2	54.3	_	45.1	46.5	50.3	54.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	98.0	0.77	0.59	0.38	0.90				0.91	0.81	0.61	0.39
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12		21	18	12	23	21	17	12	21	20	16	11
75	1750	×	3.99	4.07	4.20	4.33	4.29	4.38	4.52	4.66	4.56	4.65	4.80	4.96	4.79	4.89	5.05	_						5.27	5.44	5.63
		Amps	15.0	15.3	15.8	16.4	16.2	16.6	17.2	17.8	17.6	18.1	18.7	19.4	18.9	19.3		20.8	20.1				21.3	21.8	22.6	23.5
		HI PR	238	256	271	282	267	288	304	317	304	327	346	360	346	373	394	411	390	419	443 4	462	431	463	489	510
		LO PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163
		MBh	56.8	58.5	63.3	6.79	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	0.09		47.9	51.8	55.6
		S/T	0.83	0.74	0.56	0.36	98.0	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.39 (	0.94 (			_	0.95	0.85	0.64	0.41
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	2000	κ	4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	5.00	4.83	4.93	5.09	5.26	5.03	5.14		5.48	5.20	5.32	5.49	2.67
		Amps	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0	19.5	20.2	20.9	20.3	20.8	21.5	_	21.5	22.0	22.8	23.7
		HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	376	398	415	394	424	447	466	435	468	494	515
		LO PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165
IDB: Ent	ering Ind	IDB: Entering Indoor Dry Bulb Temperature	amb Temp	erature							shaded a	rea refle	cts ACC/	λ (TVA) α	Shaded area reflects ACCA (TVA) conditions							Amps =	outdoor	Amps = outdoor unit amps (comp.+fan	mos) su	n.+fan)

Shaded area reflects ACCA (TV and energing service valves

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan) kW = Total system power

## Expanded Cooling Data — GSX130601B\* / CA\*F4961\*6A\* (cont.)

												ő	OUTDOOR	AMBIEN	AMBIENT TEMPERATURE	ERATUR										
				9	65ºF			7	75ºF			82	占			95	اي			105≗F	بي	$\dashv$		115ºF		
	,							ļ				ENTERI	NG INDC	OR WE	T BULB 1	8	<b>ATURE</b>	ŀ		ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	
IDB	$\dashv$	AIRFLOW	59	63	29	71	59	63	29	71	59	63	29	71	59	$\dashv$	67	71	29	63	_	_	$\dashv$		- 69	71
		MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4 4	42.4 4	43.3	46.3	49.5
		-/S	0.83	0./8	0.64	0.48	0.86	0.8T	0.66	0.49	0.89	0.83	0.68	0.51	0.91 77		0.70	1.0	0.95 77	98.0					2,73	1.55
	1500		2 03	7 01	7 1 1 3	1 26	7 2 2	7 3 1	7 7 7	1 50	7 78	7 58	77	7 88 V	777		707	T 13	7 00 1	7.01					217	T/
	1300	Amps	14.7	15.1	4.15 15.6	16.1	15.9	16.3	16.8	17.5	17.3	17.7	18.3	19.0	18.5		19.6	20.4	19.7	20.2					22.2	23.0
		HI PR	234	251	265	277	262	282	298	311	298	321	339	353	339		386	402	382	411					479	200
		LO PR	104	110	120	128	109	116	127	135	114	121	132	141	119		139	148	125	133					150	160
		MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2		57.0	6.09	49.6	50.7		L.	'		50.2	53.6
		S/T	0.86	0.81	99.0	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95		0.72	0.54	0.98	0.92					9.76	0.57
		ΔT	25	24	21	17	56	25	22	17	56	25	22	17	26		22	17	26	25					20	16
80	1750		4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	2.00	4.83		5.09	5.26	5.03	5.14					5.49	2.67
		Amps	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0		20.2	20.9	20.3	20.8					22.8	23.7
		HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350		398	415	394	424					494	515
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123		143	152	129	137					155	165
		MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	62.9	55.1	56.3	60.2	64.3	53.8		58.7	62.8	51.1	52.2		_	`		51.7	55.2
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	96.0	06.0	0.74	0.55	1.00		92.0	0.57	1.00	0.97	_			_	0.79	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25		20	16	23	23					19	15
	2000		4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87		5.13	5.30	5.07	5.18					5.54	5.72
		Amps	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2		20.4	21.1	20.5	21.0					23.0	23.9
		HI PR	243	262	276	288	273	294	310	323	310	334	353	368	353		402	419	398	428					499	521
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124		144	154	130	139			-		157	167
		MBh	52.7	53.7	56.3	0.09	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	20.0	52.3	55.8	46.6	47.5					46.1	49.1
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	06.0	0.81	99.0	96.0	0.93	0.83	0.68	1.00	96.0	_				0.87	0.71
			28	28	56	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28					25	21
	1500		3.96	4.04	4.17	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.76	4.92	4.75	4.85	5.01	5.17	4.94	5.05					5.40	5.58
		Amps	14.8	15.2	15.7	16.3	16.0	16.4	17.0	17.6	17.5	17.9	18.5	19.2	18.7	19.1	19.8	20.5	19.9	20.4					22.4	23.2
		HPR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505
		7 2 2	177	111	121	65.0	TIP	OTT	120	137	177	777	133	247	121	120	140	143	120	134		+			707	107
		IMIDII L/S	0.91	0.87	0.10	0.64	0.55	0.00	0.80	0.66	0.4.3	0.03	0.84	0.20	73.T	24.2 0 96	0.00	0.00	100	31.4 1 00					7.6+ 0.91	23.50
		ΔT	27	27	25	22	78	27	26	22	28	27	26	22	78	27	26	22	27	27					24	21
82	1750		4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87	4.97	5.13	5.30	5.07	5.18					5.54	5.72
		Amps	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.1	20.5	21.0					23.0	23.9
		HI PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428					499	521
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139		-			157	167
		MBh	58.8	0.09	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0		_			51.4	54.8
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00					3.95	0.77
			56	25	24	21	56	26	24	21	56	56	24	21	25	56	24	21	24	24					22	19
	2000		4.09	4.17	4.30	4.44	4.39	4.49	4.63	4.78	4.67	4.77	4.92	5.08	4.91	5.01	5.18	5.35	5.11	5.22					5.58	5.77
		Amps	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	19.9	19.4	19.9	20.6	21.3	20.7	21.2					23.2	24.1
		HI PR	246	264	279	291	276	297	313	327	313	337	326	371	357	384	406	423	402	432					204	256
		LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140					158	168

Shaded area reflects AHRI conditions

#### EXPANDED COOLING DATA — GSX130611\*/CA\*F4961\*6D\*+EEP

Main   Signatura   Main   Signatura   Main   Signatura   Main   Main   Signatura   Main   Signatura   Main   Signatura   Main   Signatura   Main   Signatura   S													0	UTDOOF	AMBIE	<b>OUTDOOR AMBIENT TEMPERATURE</b>	PERATU	¥.									
State   Stat					9	ŀδ				75			ω	25			6	5			10				115		
MBH   538   557   610     611     612   .   613   .   61													ENTER	ING IND	OOR W	T BULB	TEMPE	MATURE									
MBH   53.8   55.7   61.0   .   51.5   54.4   59.6   .   51.3   53.1   58.2   .   50.0   51.8   56.8   .   47.5   49.2   53.9   .   44.0   51.5   51.0   51.8   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.2   51.0   51.0   51.0   51.2   51.0   51	IDB	AIRF	MO1:	59	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
10   10   10   10   10   10   10   10			MBh	53.8	55.7	61.0		52.5				51.3	53.1	58.2		50.0	51.8	56.8	-	47.5	49.2	53.9	-		45.6	50.0	
1500   KW   3.97   4.05   4.18   - 1   22   19   14   - 2   22   19   14   - 2   22   19   14   - 3   25   19   14   - 3   25   15   14   - 3   25   15   14   14   15   15   14   14   1			S/T	99.0	0.55	0.38	1	0.68			1	0.70	0.58	0.40	1	0.72	09.0	0.42	,	0.75	0.62	0.43	_		0.63 (	D.44	
1550         KW         3.97         4.05         4.18         -         4.27         4.51         4.51         4.52         4.50         4.89         5.05         -         4.99         5.01         5.10         5.27         -         5.10         5.10         5.10         5.10         5.10         5.10         4.80         4.80         6.05         6.05         6.07         21.2			ΔT	22	19	14	٠	22			1	22	19	14	•	22	19	14		22	19	14	_	20	18	13	,
HHR KING SERVING SERVI		1500	ΚW	3.97	4.05	4.18	٠	4.27			1	4.54	4.64	4.80	٠	4.78	4.89	5.05	,	4.99	5.10	5.27	<u> </u>		5.28	5.45	,
HIPR 528 455 559 - 5 55 25 25 2 2 2 2 2 2 2 2 2 2 2 2 2			Amps	15.4	15.8	16.3	•	16.7			1	18.1	18.6	19.2	٠	19.4	19.9	20.6	,	20.7	21.2	21.9			22.5	23.3	,
MBh   55.4   57.4   62.9   1.4   1.5   1.0   1			HI PR	228	245	259	٠	256			1	291	313	331		331	357	377	,	373	401	424	1		443	468	,
MBH         55.4         57.4         62.9         6.4         6.4         6.2         6.4         6.4         6.2         6.4<			LO PR	86	104	114	1	103			1	107	114	125	1	113	120	131		118	126	137	-		130	142	
4 No.         6.69         6.57         6.40         6         6.41         6         6.73         6.61         6.75         6.69         6.57         6.04         6         6.73         6.61         6.73         6.61         6.73         6.61         6.73         6.61         6.73         6.61         6.73         6.61         6.73         6.61         6.73         6.74         7 </th <th></th> <th></th> <th>MBh</th> <th>55.4</th> <th>57.4</th> <th>62.9</th> <th></th> <th>54.1</th> <th></th> <th></th> <th></th> <th>52.8</th> <th>54.7</th> <th>59.9</th> <th></th> <th>51.5</th> <th>53.4</th> <th>58.5</th> <th>-</th> <th>48.9</th> <th>50.7</th> <th>55.6</th> <th><u> </u></th> <th></th> <th>47.0</th> <th>51.5</th> <th></th>			MBh	55.4	57.4	62.9		54.1				52.8	54.7	59.9		51.5	53.4	58.5	-	48.9	50.7	55.6	<u> </u>		47.0	51.5	
4 MW         4.00 <th< th=""><th></th><th></th><td>S/T</td><td>69.0</td><td>0.57</td><td>0.40</td><td>٠</td><td>0.71</td><td></td><td></td><td>1</td><td>0.73</td><td>0.61</td><td>0.42</td><td></td><td>0.75</td><td>0.63</td><td>0.44</td><td>,</td><td>0.78</td><td>0.65</td><td>0.45</td><td></td><td></td><td>99.0</td><td>0.46</td><td>,</td></th<>			S/T	69.0	0.57	0.40	٠	0.71			1	0.73	0.61	0.42		0.75	0.63	0.44	,	0.78	0.65	0.45			99.0	0.46	,
470         KW         4.00         4.01         4.02         4.02         4.02         4.03         4.03         4.03         5.	_		ΔT	20	17	13	•	20			1	20	18	13	•	20	18	13	_	20	17	13	_	19	16	12	ı
Amps         15.5         16.4         -         16.8         17.2         17.8         -         18.3         18.8         19.4         -         19.6         20.1         20.8         -         20.9         21.4         22.2         -         22.2         -         22.2         -         22.2         -         22.2         -         22.2         -         22.4         316         334         -         35.6         380         -         37.7         405         42.8         -         416           LO PR         39         105         115         121         121         121         121         122         -         119         127         405         21.9         416         417           MBh         55.6         57.7         63.2         6.2         60.2         60.2         61.8         53.6         58.8         -         45.9         6.7         45.8	20	1750	ΚW	4.00	4.09	4.21	•	4.31			1	4.58	4.68	4.84	٠	4.82	4.93	5.09	,	5.03	5.14	5.31	'		5.32	5.50	,
HHPR 330 248 262 - 558 278 294 - 294 316 334 - 355 360 380 - 377 405 428 - 416 416 121 132 - 416 121 132 - 119 121 132 - 139 - 124 121 131 132 - 134 132 - 135 135 135 135 135 135 135 135 135 135			Amps	15.5	15.9	16.4	1	16.8			1	18.3	18.8	19.4	1	19.6	20.1	20.8	,	20.9	21.4	22.2	·		22.7	23.5	,
MBh         55.6         7.7         63.2         - 6.3         61.7         - 6.3         61.2         - 13         121         <			HI PR	230	248	262	1	258			1	294	316	334	1	332	360	380	,	377	405	428	_		448	473	
MBh         55.6         57.7         63.2         5.4         56.0         6.1         6.2         6.1         6.3         6.2         6.1         6.2         6.2         6.3         6.3         6.2         6.3         6.3         6.2         6.2         6.3         6.3         6.2         6.3         6.2         6.3         6.2         6.3         6.1         6.3         6.1         6.2         6.3         6.3         6.3         6.1         6.2         6.3         6.2         6.3         6.2         6.3         6.3         6.3         6.2         6.3         6.3         6.4         6.4         6.7         6.4         6.4         6.7         6.4         6.4         6.7         6.4         6.7         6.4         6.7         6.4         6.7         6.4         6.7         6.7         6.4         6.7         6.8         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         8         7         8         7         8         7         8         7         9         9         9 <th< th=""><th></th><th></th><th>LO PR</th><th>66</th><th>105</th><th>115</th><th>1</th><th>104</th><th></th><th></th><th>1</th><th>108</th><th>115</th><th>126</th><th>1</th><th>114</th><th>121</th><th>132</th><th></th><th>119</th><th>127</th><th>139</th><th>-</th><th>124</th><th>131</th><th>143</th><th></th></th<>			LO PR	66	105	115	1	104			1	108	115	126	1	114	121	132		119	127	139	-	124	131	143	
δ/T         0.70         0.58         0.40         -         0.74         0.62         0.43         -         0.77         0.64         0.44         -         0.79         0.66         0.46         -         0.80         -         0.80         -         0.84         -         0.77         0.64         0.44         -         0.79         0.66         0.46         -         0.80         -         0.80         -         0.84         -         18         16         12         -         18         16         12         -         18         16         12         -         18         16         17         18         16         17         18         16         17         18         16         17         18         16         17         18         16         19         19         20			MBh	55.6	57.7	63.2	٠	54.3				53.0	55.0	60.2		51.8	53.6	58.8	-	49.2	51.0	55.8	-		47.2	51.7	
AT 18 15 12 - 1 18 16 12 - 1 18 16 12 - 1 18 16 12 - 1 18 16 12 - 1 18 16 12 - 1 18 16 12 - 1 19 16 12 - 1 17 1 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1			S/T	0.70	0.58	0.40	1	0.72		0.42	1	0.74	0.62	0.43	1	0.77	0.64	0.44	,	0.79	99.0	0.46	_		0.67	0.46	,
KW         4.03         4.12         4.25         -         4.34         4.58         -         4.86         4.97         5.13         -         5.07         5.18         5.36         -         5.25           Amps         15.7         16.0         16.6         -         17.0         17.4         18.0         -         18.5         19.6         -         19.8         20.3         21.0         -         21.1         21.6         22.4         -         22.4           HIPR         233         250         264         -         261         281         297         -         297         319         337         -         384         -         380         409         432         -         420           LO PR         100         106         116         -         107         117         117         127         -         115         122         140         -         129			ΔT	18	15	12	1	18		12	1	18	16	12	1	18	16	12	,	18	16	12	,	17	15	11	,
15.7     16.0     16.6     -     17.0     17.4     18.0     -     18.5     18.9     19.6     -     19.8     20.3     21.0     -     21.1     21.6     22.4     -     22.4       233     250     264     -     261     281     297     319     337     -     338     364     384     -     380     409     432     -     420       100     106     116     -     105     112     122     -     110     117     127     -     115     122     134     -     121     128     140     -     125		2000	××	4.03	4.12	4.25	1	4.34		4.58	ı	4.62	4.72	4.88	ı	4.86	4.97	5.13		5.07	5.18	5.36			5.37	5.55	1
233     250     264     -     261     281     297     319     337     -     338     364     384     -     380     409     432     -     420       100     106     116     -     105     112     122     -     115     122     134     -     121     128     140     -     125			Amps	15.7	16.0	16.6	•	17.0		18.0	ı	18.5	18.9	19.6	,	19.8	20.3	21.0	,	21.1	21.6	22.4	1		22.9	23.7	,
100         106         116         -         105         112         122         -         110         117         127         -         115         122         134         -         121         128         140         -         125			HI PR	233	250	264	1	261		297	1	297	319	337	1	338	364	384	,	380	409	432	_		452	477	ı
			LO PR	100	106	116	1	105		122	1	110	117	127	1	115	122	134	-	121	128	140	-		133	145	,

		MBh	54.7	56.3	6.09	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	26.7	8.09	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5
		S/T	0.75	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	98.0	0.85	92.0	0.57	0.37	98.0	0.77	0.58	0.37
		ΔT	25	23	19	13	25	23	19	13	25	23	19	13	56	23	19	13	25	23	19	13	23	22	18	12
	1500	Κ	4.00	4.09	4.22	4.35	4.31	4.40	4.55	4.69	4.58	4.68	4.84	5.00	4.82	4.93	5.09	5.26	5.03	5.14	5.31	5.49	5.20	5.32	5.50	5.69
		Amps	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.2	19.6	20.1	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.4
		HI PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	377	405	428	446	416	448	473	493
		LO PR	66	105	115	122	104	111	121	129	108	115	126	134	114	121	132	141	119	127	139	148	124	131	143	153
_		MBh	56.3	58.0	62.7	67.3	55.0	9.99	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	98.0	0.77	0.58	0.37	0.89	0.80	09.0	0.39	06.0	08.0	0.61	0.39
		ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
75	1750	××	4.03	4.12	4.25	4.39	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.04	4.86	4.97	5.14	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74
		Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.2	22.4	22.9	23.7	24.7
		HI PR	233	250	264	276	261	281	297	309	297	320	337	352	338	364	384	401	380	409	432	451	420	452	478	498
		LO PR	100	106	116	123	105	112	122	130	110	117	127	136	115	122	134	142	121	128	140	149	125	133	145	154
		MBh	9.95	58.3	63.1	67.7	55.3	56.9	61.6	66.1	53.9	55.5	60.1	64.5	52.6	54.2	58.7	63.0	50.0	51.5	55.7	8.65	46.3	47.7	51.6	55.4
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	06.0	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	2000	Ϋ́	4.06	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.78
		Amps	15.8	16.2	16.7	17.4	17.1	17.6	18.1	18.8	18.7	19.1	19.8	20.5	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
		HI PR	235	253	267	278	264	284	300	312	300	323	341	355	341	367	388	405	384	413	437	455	424	457	482	503
		LO PR	101	107	117	125	106	113	124	132	111	118	129	137	116	124	135	144	122	130	141	151	126	134	146	156
IDB: Ente	ering Ind	IDB: Entering Indoor Dry Bulb Temperature	ulb Temp	erature							σ,	shaded a	rea refle	cts ACCA	Shaded area reflects ACCA (TVA) conditions	onditions						Amps =	outdoo	Amps = outdoor unit amps (comp.+fan	lwoo) sd	o.+fan)
High and	low pre	High and low pressures are measured at the liquid and suction service valves.	measur	ed at the	liquid a	nd suctio	n service	e valves.															~	kW = Total system power	system	power

## EXPANDED COOLING DATA — GSX130611\*/CA\*F4961\*6D\*+EEP (CONT.)

10B											COLOGOR CINISIENT LEWIS ENGLOSE	1									
MRH   55.6   56.9   60.7     MRH   55.6   56.9   60.7     S/T   0.82   0.77   0.62     AT   28   27   23     LO PR   10.0   116     LO PR   100   106   116     MRH   57.3   58.6   62.6     S/T   0.86   0.80   0.65     AT   26   25   22     LO PR   101   107   117     AT   26   25   25     LO PR   23   25.2     LO PR   23   25.2     LO PR   23   25.3     LO PR   24   24     LO PR   25   25     65	П		75		H		82		$\mid \mid$		95				105			1	115		
MBh   55.6 56.9   60.7     MBh   55.6 56.9   60.7     S/T   0.82   0.77   0.62     AT   28   27   2.3     LOP   HIPR   233   250   264     LOPR   100   116   116     AT   26   25   22     AT   26   25   22     AT   26   25   22     AT   26   25   22     AT   26   25   25     AT   27   28   65.6     AT   23   25.3   25.7     AT   24   25   25     AT   27   28   28     AT   28   38     AT   38     AT							EN	TERING	INDOO	R WET B	ULB TEN	<b>NTERING INDOOR WET BULB TEMPERATURE</b>	IRE								
1500 kW 4.03 4.12 4.25 Amps 15.7 16.1 16.6 HI PR 233 250 264 LO PR 100 106 116 NBh 57.3 58.6 62.6 S/T 0.86 0.80 0.65 S/T 0.86 0.80 0.65 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.8 16.2 16.7 HI PR 235 253 267 Amps 15.9 68.8 62.9 S/T 0.87 0.82 0.66 AT 23 22 19	29	H	<u> </u>	Ш	67 7	71 5	29 6	L	. 29	71 5	29 69	63 67	7 71	1 59	63	29	71	29	63	29	71
S/T   0.82   0.77   0.62     AT   28   27   23     Amps   15.7   16.1   16.6     HI PR   233   250   264     LO PR   100   106   116     MBh   57.3   58.6   62.6     S/T   0.86   0.80   0.65     AT   26   25   22     Amps   15.8   16.2   16.7     HI PR   235   253   267     HI PR   235   254     HI PR   235   257     LO PR   101   107   117     MBh   57.6   58.8   62.9     S/T   0.87   0.82   0.66     Amps   4.10   4.19   4.32     Amps   4.10   4.14   4.35     Amps   4.10   4.15   4.32     Amps   4.10   4.15   4.32     Amps   4.10   4.15   4.32     Amps   4.10   4.19   4.32     Amps   4.10   4.10   4.43     Amps   4.10   4.10   4.45     Amps   4.10   4.10     Amps   4.10   4.10   4.10	60.7	⊢	Į.	l	59.3	63.4 53	53.0 54	54.2 57	57.9 6	1.9 5.	1.8 52	5.9 <b>56.5</b>	.5	.4 49.2	2 50.	2 53.	7 57.4	45.5	46.5	49.7	53.2
1500 kW 4.03 4.12 4.25 Amps 15.7 16.1 16.6 HI PR 233 25.0 264 LO PR 100 106 116 NBh 57.3 58.6 62.6 S/T 0.86 0.80 0.65 AT 26 25 22 AT 26 25 22 AT 26 25 22 AT 26 25 22 AT 26 25 22 AT 26 25 22 AMPs 15.8 16.2 16.7 HI PR 235 25.3 267 LO PR 101 107 117 MBh 57.6 58.8 62.9 S/T 0.87 0.82 0.66 AT 23 22 19 Amps 16.1 4.19 4.32 Amps 16.1 14.0 4.19 4.32	0.62				0.65 0.	0.48 0.	0.87 0.	.82 0.	0.66 0.	0.50 0.	0.90	0.84 0.69	0.51	51 0.93	3 0.87	7 0.71	0.53	0.94	0.88	0.72	0.54
1500         kW         4.03         4.12         4.25           Amps         15.7         16.1         16.6           HI PR         233         250         264           LO PR         100         106         116           MBh         57.3         58.6         62.6           S/T         0.86         0.80         0.65           ΔT         26         25         22           Amps         15.8         16.2         16.7           HI PR         235         253         267           LO PR         101         107         117           MBh         57.6         58.8         62.9           AT         23         25         19           AMP         57.6         58.8         62.9           AMP         4.10         4.19         4.32           AMP	23				24 1	19 2	28 2	27 2	24	19 2	28 2	27 24		19 28	27	23	19	26	25	22	17
Amps     15.7     16.1     16.6       HI PR     233     250     264       LO PR     100     106     116       MBh     57.3     58.6     62.6       s/T     0.86     0.80     0.65       ΔT     26     25     22       Amps     15.8     16.2     16.7       HI PR     235     253     267       HOPR     101     107     117       MBh     57.6     58.8     62.9       S/T     0.87     0.82     0.66       Δ     23     22     19       Amps     4.10     4.19     4.32       Amps     16.0     16.4     16.9       Amps     16.0     16.4     16.9	4.25			4.44 4.	.58 4.	4.73 4.	4.62 4.	4.72 4.	4.88 5.	5.04 4.	4.86 4.	4.97 5.14	<b>14</b> 5.31	31 5.07	7 5.18	3 5.36	5 5.54	5.25	5.37	5.55	5.74
HIPR 233 250 264  LO PR 100 106 116  NBh 57.3 58.6 62.6  S/T 0.86 0.80 0.65  AT 26 25 22  Amps 15.8 16.2 16.7  HIPR 235 25.3 267  HOPR 101 107 117  NBh 57.6 58.8 62.9  S/T 0.87 0.82 0.66  AT 23 22 19  2000 kW 4.10 4.19 4.32	16.6			٠.	18.0 18	18.7	18.5 18	18.9	19.6	20.3 19	19.8 20	20.3 <b>21.0</b>		21.8 21.1	1 21.6	5 22.4	1 23.2	22.4	22.9	23.7	24.7
1750 kW 4.07 4.15 62.6  1750 kW 4.07 4.15 4.28  Amps 15.8 16.2 16.7  H PR 235 253 267  H PR 235 253 267  H OPR 101 107 117  MBh 57.6 58.8 62.9  S/T 0.87 0.82 0.66  Amps 16.0 14.9 4.32	264				297 3	309 2	297 3	320 33	337 3	352 3	338 36	364 384	104 401	11 380	0 409	432	451	420	452	478	498
MBh 57.3 58.6 62.6  \$/T 0.86 0.80 0.65  AT 26 25 22  1750 kW 4.07 4.15 4.28  Amps 15.8 16.2 16.7  H PR 235 25.3 267  LO PR 10.1 107 117  MBh 57.6 58.8 62.9  \$/T 0.87 0.82 0.66  AT 23 22 19  Amps 16.0 16.4 15.9	116				122 1	130 1	110 1	117 13	127 1	136 1	115 13	122 134		142   121	1 128	3 140	149	125	133	145	154
S/T       0.86       0.80       0.65         AT       26       25       22         1750       kW       4.07       4.15       4.28         Amps       15.8       16.2       16.7         HI PR       235       253       267         LO PR       101       107       117         MBh       57.6       58.8       62.9         S/T       0.87       0.82       0.66         AT       23       22       19         Amps       16.0       16.4       4.19       4.32         Amps       16.0       16.4       16.4       16.4	62.6	⊢	1		61.1 69	65.3 54	54.6 5	55.8 59	9 9.69	63.8 53	53.3 54	54.5 58.2		62.2 50.6	6 51.7	7 55.3	3 59.1	1 46.9	47.9	51.2	54.7
1750 kW 4.07 4.15 4.28  Amps 15.8 16.2 16.7  HI PR 235 253 267  LO PR 101 107 117  MBh 57.6 58.8 62.9  S/T 0.87 0.82 0.66  AT 23 22 19  Amps 16.0 16.4 15.9	0.65				0.68 0.	0.51 0.	0.91 0.	0.85 0.	0.70	0.52 0.	0.94 0.	0.88 0.72		0.54   1.00	0 0.92	2 0.75	5 0.56	5 1.00	0.92	0.75	0.56
1750 kW 4.07 4.15 4.28 Amps 15.8 16.2 16.7 HI PR 235 253 267 LO PR 101 107 117 MBh 57.6 58.8 62.9 S/T 0.87 0.82 0.66 AT 23 22 19 2000 kW 4.10 4.19 4.32 Amps 16.0 16.4 16.9	22				22 1	17 2	26 2	25 2	22	17 2	26 2	25 22		18 27	25	22	17	25	23	20	16
Amps     15.8     16.2     16.7       HI PR     235     253     267       LO PR     101     107     117       MBh     57.6     58.8     62.9       s/T     0.87     0.82     0.66       ΔT     23     22     19       KW     4.10     4.19     4.32       Amps     16.0     16.4     16.4	4.28				4.62 4.	4.77   4.	4.66 4.	4.76 4.	4.92 5	5.08 4.	4.90 5.	5.01 5.18		5.35 5.11	1 5.23	3 5.40	5.59	9 5.29	5.41	5.59	5.79
HIPR 235 253 267 LO PR 101 107 117 MBh 57.6 58.8 62.9 S/T 0.87 0.82 0.66 AT 23 22 19 KW 4.10 4.19 4.32 Amas 16.0 16.4 16.9	16.7			$\vdash$	8.2 18	18.9	18.7 19	9.1 19	19.8	20.5 20	20.0	20.5 21.2		22.0 21.3	3 21.8	3 22.6	5 23.5	5 22.6	23.2	24.0	24.9
LO PR   101   107   117   117   117   118   1	267				300 3	313 3	300 3	323 3	341 3	355 3	342 36	368 388		405 384	4 414	437	455	425	457	482	503
MBh 57.6 58.8 62.9 S/T 0.87 0.82 0.66 ΔT 23 22 19 kW 4.10 4.19 4.32 Δmos 16.0 16.4 16.9	117		107	113 1	124 1	132   1	111 1	118 1	129 1	137   1	116 13	124 135		144   122	2 130	142	151	. 126	134	146	156
S/T 0.87 0.82 0.66 ΔT 23 22 19 κW 4.10 4.19 4.32 Δmms 16.0 16.4 16.9	67.9	⊢	1		61.4 6	65.6 5	54.9 5	56.1 59	9 6.65	64.1 53	53.6 54	54.7 58.5		62.5 50.9	9 52.0	) 55.6	5 59.4	1 47.1	48.2	51.5	55.0
AT 23 22 19 kW 4.10 4.19 4.32 Amps 16.0 16.4 16.9	99.0				0.69 0.	0.51 0.	0.92 0.	0.87 0.	0.71 0.	0.53 0.	0.95 0.8	0.89 0.73		0.54   1.00	0 0.93	3 0.76	5 0.56	1.00	0.94	0.76	0.57
kW 4.10 4.19 4.32	19				19 1	16   2	23 2	22 1	19 1	16 2	23 2	23 20		16 23	22	19	15	22	21	18	14
Amns 160 164 169	4.32				4.66 4.	.81 4.	4.70 4.	.80 4.	4.96 5.	5.12   4.	4.94 5.	5.06 5.22		5.40 5.16	6 5.27	7 5.45	5 5.63	5.34	5.46	5.64	5.84
10.0	16.9				18.3 19	.9.0	18.8 19	19.3 20	20.0	20.7   20	20.2	20.7 21.4	•	22.2 21.5	5 22.0	) 22.8	3 23.7	22.8	23.4	24.2	25.1
237 255 270	270				303 3	316 3	303 3	326 34	344 3	359 3	345 37	371 392		409 388	3 418	3 441	. 460	429	461	487	208
102 108 118	118				125 1	133 1	112 1	119 13	130 1	138 1	117 13	125 13	136 14	145   123	3 131	. 143	152	127	135	148	157

| 60.4         64.5         55.3         56.4         59.0         63.0           0.75         0.61         0.89         0.86         0.77         0.63           28         24         30         30         28         24           4.28         4.42         4.38         4.48         4.62         4.77           16.7         17.4         17.1         17.6         18.2         18.9           26.7         2.79         264         284         300         313           117         125         107         113         124         132           62.2         66.4         56.9         58.1         60.8         64.9           0.78         0.64         0.93         0.90         0.81         0.66           26         22         28         27         26         22           4.32         4.46         4.42         4.51         4.66         4.81           16.9         17.6         17.3         17.7         18.3         19.0           270         281         266         287         303         316           28         66.7         57.2         58.3         61.1  | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91           29         28         24         30         30         28         24         30           4.15         4.28         4.42         4.38         4.48         4.62         4.77         4.66           16.2         16.7         17.4         17.1         17.6         18.2         18.9         18.7           253         267         279         264         284         300         313         300           107         117         17.5         18.2         18.9         18.7         111           59.4         62.2         264         284         300         313         300           0.87         0.78         0.64         0.93         0.90         0.81         0.66         0.96           27         26         22         28         27         26         22         28         27         26         28         28         28         28         28         28         28         28 </th <th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88           29         28         24         30         30         28         24         30         30           4.15         4.28         4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.76           16.2         16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1         25.3         10.7         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.0         32.3         11.1         11.8         19.0         11.1         11.8         19.0         19.2         28.2         27         26         22         28         27         26         28         27         26         28         27         28         27         28         27         28         27         28         28         2</th> <th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         6           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0         28         24         30         28         4.91         30         28         4.91         30         0.91         0.88         0.79         0<!--</th--><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         50.4         60.9         0.94         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.92         0.93         30         20         20         20.9         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0&lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         61.5         52.7         53.7         56.2         60.8           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         4.9         5.09         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.7         4.18         4.88         4.88         4.89         0.79         0.64         0.94         0.91         0.89         0.99         0.94         0.91         0.82         28         4.90         6.09         0.94         0.91         0.82         28         4.90         6.01         1.08         0.90         0.91         0.91         1.08         1.09         1.08         0.90         0.01         1.08         0.90         0.91         0.92         0.89         0.99         0.01         0.90         0.91         0.92         0.82         20         20         0.02         0.02         0.02</th><th>57.7         60.4         64.5         55.3         56.4         69.0         63.0         54.0         55.0         57.0         61.5         57.7         56.7         57.7         56.7         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.9         60.80         60.7         66.3         69.0         69.0         60.9         60.8         60.7         66.3         69.0         60.9         60.8         60.7         66.8         60.0         60.9         60.80         60.7         66.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9    
    60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.8         60.9         60.9         60.9         &lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.83         0.75         0.64         0.94         0.94         0.94         0.94         0.94         0.94         0.98         0.79         0.64         0.94         0.91         0.82         0.94         0.99         0.86         0.77         0.63         0.91         0.84         0.94         0.94         0.91         0.82         0.94         0.</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.7         60.4         61.2         55.0         57.0         57.7         57.7         60.4         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<></th></th<></th></th<></th></th<></th></th<></th></th> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88           29         28         24         30         30         28         24         30         30           4.15         4.28         4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.76           16.2         16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1         25.3         10.7         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.1         11.1         11.8         19.0         32.3         11.1         11.8         19.0         11.1         11.8         19.0         19.2         28.2         27         26         22         28         27         26         28         27         26         28         27         28         27         28         27         28         27         28         28         2  
   
   | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         6           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0         28         24         30         28         4.91         30         28         4.91         30         0.91         0.88         0.79         0 </th <th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         50.4         60.9         0.94         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.92         0.93         30         20         20         20.9         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0&lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         61.5         52.7         53.7         56.2         60.8           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         4.9         5.09         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.7         4.18         4.88         4.88         4.89         0.79         0.64         0.94         0.91         0.89         0.99         0.94         0.91         0.82         28         4.90         6.09         0.94         0.91         0.82         28         4.90         6.01         1.08         0.90         0.91         0.91         1.08         1.09         1.08         0.90         0.01         1.08         0.90         0.91         0.92         0.89         0.99         0.01         0.90         0.91         0.92         0.82         20         20         0.02         0.02         0.02</th><th>57.7         60.4         64.5         55.3         56.4         69.0         63.0         54.0         55.0         57.0         61.5         57.7         56.7         57.7         56.7         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.9         60.80         60.7         66.3         69.0         69.0         60.9         60.8         60.7         66.3         69.0         60.9         60.8         60.7         66.8         60.0         60.9         60.80         60.7         66.8         60.9         60.9         60.9         &lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0 
         0.83         0.75         0.64         0.94         0.94         0.94         0.94         0.94         0.94         0.98         0.79         0.64         0.94         0.91         0.82         0.94         0.99         0.86         0.77         0.63         0.91         0.84         0.94         0.94         0.91         0.82         0.94         0.</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.7         60.4         61.2         55.0         57.0         57.7         57.7         60.4         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<></th></th<></th></th<></th></th<></th></th<></th> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7
        53.7         50.4         60.9         0.94         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.92         0.93         30         20         20         20.9         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0&lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         61.5         52.7         53.7         56.2         60.8           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         4.9         5.09         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.7         4.18         4.88         4.88         4.89         0.79         0.64         0.94         0.91         0.89         0.99         0.94         0.91         0.82         28         4.90         6.09         0.94         0.91         0.82         28         4.90         6.01         1.08         0.90         0.91         0.91         1.08         1.09         1.08         0.90         0.01         1.08         0.90         0.91         0.92         0.89         0.99         0.01         0.90         0.91         0.92         0.82         20         20         0.02         0.02         0.02</th><th>57.7         60.4         64.5         55.3         56.4         69.0         63.0         54.0         55.0         57.0         61.5         57.7         56.7         57.7         56.7         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.9         60.80         60.7         66.3         69.0         69.0         60.9         60.8         60.7         66.3         69.0         60.9         60.8         60.7         66.8         60.0         60.9         60.80         60.7         66.8         60.9         60.9         60.9         &lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.83         0.75         0.64         0.94         0.94         0.94         0.94         0.94         0.94         0.98         0.79         0.64         0.94         0.91         0.82         0.94         0.99         0.86         0.77         0.63         0.91         0.84         0.94         0.94         0.91         0.82         0.94         0.</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.7         60.4         61.2         55.0         57.0         57.7         57.7         60.4         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         51.0        
50.0         <th< th=""></th<></th></th<></th></th<></th></th<></th></th<></th></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         50.4         60.9         0.94         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.92         0.93         30         20         20         20.9         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0&lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         61.5         52.7         53.7         56.2         60.8           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         4.9         5.09         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.7         4.18         4.88         4.88         4.89         0.79         0.64         0.94         0.91         0.89         0.99         0.94         0.91         0.82         28         4.90         6.09         0.94         0.91         0.82         28         4.90         6.01         1.08         0.90         0.91         0.91         1.08         1.09         1.08         0.90         0.01         1.08         0.90         0.91         0.92         0.89         0.99         0.01         0.90         0.91         0.92         0.82         20         20         0.02         0.02         0.02</th><th>57.7         60.4         64.5         55.3         56.4         69.0         63.0         54.0         55.0         57.0         61.5         57.7         56.7         57.7         56.7         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.9         60.80         60.7         66.3         69.0         69.0         60.9         60.8         60.7         66.3         69.0         60.9         60.8         60.7         66.8         60.0         60.9         60.80         60.7         66.8         60.9         60.9         60.9         &lt;</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.83         0.75         0.64         0.94         0.94         0.94         0.94         0.94         0.94         0.98         0.79         0.64         0.94         0.91         0.82         0.94         0.99         0.86         0.77         0.63         0.91         0.84         0.94         0.94         0.91         0.82         0.94         0.</th><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.7         60.4         61.2         55.0         57.0         57.7         57.7         60.4         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0      
  50.0         50.0         50.0         50.0         50.0         50.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<></th></th<></th></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         50.4         60.9         0.94         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.92         0.93         30         20         20         20.9         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0<  
   | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         61.5         52.7         53.7         56.2         60.8           0.83         0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         4.9         5.09         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.7         4.18         4.88         4.88         4.89         0.79         0.64         0.94         0.91         0.89         0.99         0.94         0.91         0.82         28         4.90         6.09         0.94         0.91         0.82         28         4.90         6.01         1.08         0.90         0.91         0.91         1.08         1.09         1.08         0.90         0.01         1.08         0.90         0.91         0.92         0.89         0.99         0.01         0.90         0.91         0.92         0.82         20         20         0.02         0.02         0.02   
  | 57.7         60.4         64.5         55.3         56.4         69.0         63.0         54.0         55.0         57.0         61.5         57.7         56.7         57.7         56.7         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.4         60.9         60.80         60.7         66.3         69.0         69.0         60.9         60.8         60.7         66.3         69.0         60.9         60.8         60.7         66.8         60.0         60.9         60.80         60.7         66.8         60.9         60.9         60.9         <  
  | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.83         0.75         0.64         0.94         0.94         0.94         0.94         0.94         0.94         0.98         0.79         0.64         0.94         0.91         0.82         0.94         0.99         0.86         0.77         0.63         0.91         0.84         0.94         0.94         0.91         0.82         0.94         0.  | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.7         60.4         61.2         55.0         57.0         57.7         57.7         60.4 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0       
 50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<></th></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         59.0         64.5         55.0         57.0         61.0         52.0         51.0         52.0         52.0         51.0         52.0         50.0         51.0         50.0         50.0         51.0         53.0         52.0         50.0 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.0         50.0      
  50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0         <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         57.0         61.2         52.7         53.7         56.2         60.4         64.5         55.3         56.4         59.0         63.0         63.0         57.0         61.3         60.4         64.5         55.0         57.0         66.0         69.0         50.0         50.0         50.0         68.0         79.0         66.0         69.0         50.0         50.0         50.0         69.0         69.0         69.0         60.0 <th< th=""><th>57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0         <th< th=""></th<></th></th<> | 57.7         60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         51.0         50.0         50.0 <th< th=""></th<> |
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60.4         64.5         55.3         56.4         59.0         63.0           0.75         0.61         0.89         0.86         0.77         0.63           28         24         30         38         28         24           4.28         4.42         4.38         4.48         4.62         4.77           16.7         17.4         17.1         17.6         18.2         18.9           26.7         279         264         284         300         313           117         125         107         113         124         132           62.2         66.4         56.9         58.1         60.8         64.9           0.78         0.64         0.93         0.90         0.81         0.66           26         22         28         27         26         22           4.32         4.46         4.42         4.51         4.66         4.81           16.9         17.6         17.3         17.7         18.3         19.0           270         281         266         287         303         316           28.5         66.7         57.2         58.3         61.1	60.4         64.5         55.3         56.4         59.0         63.0         54.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91           28         24         30         30         28         24         30           4.28         4.42         4.38         4.48         4.62         4.77         4.66           16.7         17.4         17.1         17.6         18.2         18.9         18.7           267         279         264         284         300         313         300           117         125         107         113         124         132         111           62.2         66.4         56.9         58.1         60.8         64.9         55.6           0.78         0.64         0.93         0.90         0.81         0.66         0.96           26         22         28         27         26         22         28           4.32         4.46         4.42         4.51         4.66         4.81         4.70           16.9         17.6         17.3         17.7         18.3         19.0         18.8
   | 60.4         64.5         55.3         56.4         59.0         63.0         55.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88           28         24         30         28         24         30         30           4.28         4.42         4.38         4.48         4.62         4.77         4.66         4.76           16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1           267         279         264         284         300         313         300         323           117         125         107         113         124         132         111         118           62.2         66.4         56.9         58.1         60.8         64.9         56.7         56.7           26         22         28         27         26         22         28         27           4.32         4.46         4.51         4.66         4.81         4.70         4.80           16.9         17.6         17.3         17.7         18.3         19.0         19.3           270   
   
   | 60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79           28         24         30         28         24         30         30         28           4.28         4.48         4.62         4.77         4.66         4.76         4.92           16.7         17.4         17.1         17.6         18.2         18.7         19.1         19.8           267         279         264         284         300         313         300         323         341           117         125         107         113         124         132         111         118         129           62.2         66.4         56.9         58.1         60.8         64.9         55.6         59.4           0.78         0.64         50.9         0.81         0.66         0.95         0.83         34           26         22         28         27         26         28         27         26           4.32         4.46         4.45   
   | 60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           28         24         30         28         24         30         28         24           4.28         4.48         4.62         4.77         4.66         4.76         4.92         5.08           16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           267         279         264         284         300         313         300         323         341         355           117         125         107         113         124         132         111         118         129         137           62.2         66.4         56.9         58.1         60.8         64.9         55.6         50.4         63.3         0.68           7.8         1.6         1.7         1.8         1.0         1.8         1.9         1.8         1.9         2.0         2.0 <t< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         9.94           28         24         30         28         24         30         30         28         24         30           4.28         4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.0         5.00           267         279         264         30         313         300         323         341         355         342           117         125         113         124         132         111         118         129         137         116           62.2         66.4         50.9         68.9         58.1         60.8         6.95         0.92         0.83         0.69         0.93         0.99           16.9         <t< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         55.0         57.6         61.5         52.7         53.7           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           28         24         30         28         24         30         28         24         30         30           4.28         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           16.7         17.4         17.1         17.6         18.2         18.7         19.1     
   19.8         20.9         5.08         0.91           267         27         24         30         313         300         323         341         36         20.2         20.0         20.5           267         27         26         28         37         46         4.76         4.96         6.93         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99</td><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.7         57.0         60.4         61.5         52.7         53.7         56.2         60.4         61.5         61.5         62.7         63.7         66.2         67.0         61.6         61.5         52.7         53.7         56.2         60.4         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         60.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.80         0.99         0.92         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.81         0.90         0.81         0.90         0.81         0.90         0.81         0.90         0.91         0.91         0.81         0.90         0.92         0.82         0.82         0.82         0.79         0.81         0.82         0.</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0      
  51.0         51.0         51.0         51.0         51.0         51.0         51.0         51.0         51.0         51.0         <th< td=""></th<></td></th<></td></th<></td></th<></td></th<></td></th<></td></t<></td></t<>   | 60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         9.94           28         24         30         28         24         30         30         28         24         30           4.28         4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           16.7         17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.0         5.00           267         279         264         30         313         300         323         341         355         342           117         125         113         124         132         111         118         129         137         116           62.2         66.4         50.9         68.9         58.1         60.8         6.95         0.92         0.83         0.69         0.93         0.99           16.9 <t< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         55.0         57.6         61.5         52.7         53.7           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           28         24         30         28         24         30         28         24         30         30           4.28         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           16.7         17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.9         5.08         0.91           267         27         24         30         313         300         323         341         36         20.2         20.0         20.5           267         27         26         28         37         46         4.76         4.96         6.93         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99</td><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.7         57.0         60.4         61.5         52.7         53.7         56.2         60.4         61.5         61.5         62.7         63.7         66.2         67.0         61.6         61.5         52.7         53.7         56.2         60.4         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         60.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.80         0.99         0.92         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.81         0.90         0.81         0.90         0.81         0.90         0.81         0.90         0.91         0.91         0.81         0.90         0.92         0.82         0.82         0.82         0.79         0.81         0.82         0.</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4        
59.0         63.0         57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<></td></th<></td></th<></td></th<></td></th<></td></t<>   | 60.4         64.5         55.3         56.4         59.0         63.0         55.0         57.6         61.5         52.7         53.7           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           28         24         30         28         24         30         28         24         30         30           4.28         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           16.7         17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.9         5.08         0.91           267         27         24         30         313         300         323         341         36         20.2         20.0         20.5           267         27         26         28         37         46         4.76         4.96         6.93         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99   
   | 60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.7         57.0         60.4         61.5         52.7         53.7         56.2         60.4         61.5         61.5         62.7         63.7         66.2         67.0         61.6         61.5         52.7         53.7         56.2         60.4 <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         60.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.80         0.99         0.92         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.81         0.90         0.81         0.90         0.81         0.90         0.81         0.90         0.91         0.91         0.81         0.90         0.92         0.82         0.82         0.82         0.79         0.81         0.82         0.</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0        
57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<></td></th<></td></th<></td></th<></td></th<> | 60.4         64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         60.0           0.75         0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.79         0.66         0.99         0.80         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.80         0.99         0.92         0.82         0.79         0.64         0.94         0.91         0.82         0.79         0.64         0.94         0.91         0.81         0.90         0.81         0.90         0.81         0.90         0.81         0.90         0.91         0.91         0.81         0.90         0.92         0.82         0.82         0.82         0.79         0.81         0.82         0.   
   | 60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3 <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<></td></th<></td></th<></td></th<> | 60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         57.0         61.3 <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94      
  0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<></td></th<></td></th<>                            | 60.4         64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         60.4         0.94         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.69         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.91         0.82         0.92         0.94         0.93         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.94         0.93         0.94         0.94         0.94         0.94         0.94         0.94 <th< td=""><td>604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0</td><td>60.4         64.5         55.3         56.4         59.0         63.0         57.0         <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<></td></th<>                            | 604         64.5         55.3         56.4         59.0         63.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.0         57.0         61.5         52.7         53.7         56.7         60.4         61.2         52.0         60.0         50.0         50.0         51.0         53.0         50.0      
  50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0  | 60.4         64.5         55.3         56.4         59.0         63.0         57.0 <th< td=""><td>60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0         <th< td=""></th<></td></th<> | 60.4         64.5         55.3         56.4         59.0         63.0         63.0         51.0 <th< td=""></th<> |
| 64.5         55.3         56.4         59.0         63.0           0.61         0.89         0.86         0.77         0.63           24         30         30         28         24           4.42         4.38         4.48         4.62         4.77           17.4         17.1         17.6         18.2         18.9           279         264         284         300         313           125         107         113         124         132           66.4         56.9         58.1         60.8         64.9           0.64         0.93         0.90         0.81         0.66           22         28         27         26         22           4.46         4.42         4.51         4.66         4.81           17.6         17.3         17.7         18.3         19.0           281         266         287         303         316           126         108         114         125         133           66.7         57.2         58.3         61.1         65.2           20         25         24         23         20           4.50                              | 64.5         55.3         56.4         59.0         63.0         54.0           0.61         0.89         0.86         0.77         0.63         0.91           24         30         30         28         24         30           4.42         4.38         4.48         4.62         4.77         4.66           17.4         17.1         17.6         18.2         18.9         18.7           279         264         284         300         313         300           125         107         113         124         132         111           66.4         56.9         58.1         60.8         64.9         55.6           0.64         0.93         0.90         0.81         0.66         0.96           22         28         27         26         22         28           4.46         4.42         4.51         4.66         4.81         4.70           17.6         17.3         17.7         18.3         19.0         18.8           281         266         287         303         316         303           126         10.8         114         125         133   
   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88           24         30         30         28         24         30         30           4.42         4.38         4.48         4.62         4.77         4.66         4.76           17.4         17.1         17.6         18.2         18.9         18.7         19.1           279         264         284         300         313         300         323           125         107         113         124         132         111         118           66.4         56.9         58.1         60.8         64.9         55.6         56.7           0.64         0.93         0.90         0.81         0.66         0.96         0.92           4.46         4.42         4.51         4.66         4.81         4.70         4.80           17.6         17.3         17.7         18.3         19.0         18.8         19.3           281         266         287         303         316         303         326  
   
   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79           24         30         30         28         24         30         30         28           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92           17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8           279         264         284         300         313         300         323         341           125         107         113         124         132         111         118         129           66.4         56.9         58.1         60.8         64.9         55.6         50.4         59.4           66.4         56.9         58.1         60.8         64.8         170         4.96         4.96           4.46         4.42         4.51         4.66         4.81         4.70         4.80         4.96           17.6         17.3         17.7         18.3         19.0   
   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           24         30         28         24         30         30         28         24           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           279         264         284         300         313         300         323         341         355           125         107         113         124         132         111         118         129         137           66.4         56.9         58.1         60.8         64.9         55.6         50.7         50.4         63.3           0.64         0.93         0.90         0.81         0.66         0.96         0.92         0.83         0.68           22         28         27         26         22         28         27 <td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           24         30         28         24         30         28         24         30           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.5         5.00         20.0           279         264         284         300         313         300         323         341         355         342           125         107         113         124         132         111         118         129         137         116           66.4         56.9         58.1         60.8         64.9         55.6         56.7         59.4         6.99         6.90           66.4         56.9         58.1         60.8         64.9         55.6         56.7         59.4         50.2     &lt;</td> <td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           24         30         38         28         24         30         28         24         30         30           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.5
        5.06         5.01         5.01           279         264         284         300         313         300         323         341         355         342         368           125         107         113         124         132         111         118         129         137         116         124           66.4         56.9         58.1         60.8         6.95         6.96         6.92         6.93         6.93         6.93         6.93         6.93</td> <td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.88           24         30         38         28         30         28         24         30         30         28           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         0.81           17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         6.09         5.01         5.01         5.01         5.02         5.01         5.01         5.02         5.01         5.01         5.02         5.01         5.02         5.01         5.02         5.02         5.01         5.02         5.01         5.02         5.02         5.01         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02</td> <td>64.5         55.3         56.4         59.0         63.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         24         30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         28         30         30         28         30         30         28         20         5.03         5.01         5.02         6.09         6.09         6.09         5.01         5.08         6.09         5.01         5.01         5.01         5.01         5.02         5.00         5.02</td> <td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         53.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         53.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.90         0.91         0.89         0.99         0.90         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         51.0         53.4         57.0         46.3           0.61         0.88         0.79         0.64         0.94         0.91         0.82         0.60         0.09         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.99         0.92         0.96         0.92         0.90         0.92         0.90         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.92         0.94         0.91         0.92         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.91         0.81         0.94         0.92         0.90         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         52.0         57.0
        57.0         <th< td=""></th<></td></th<></td></th<></td></th<></td>   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           24         30         28         24         30         28         24         30           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.5         5.00         20.0           279         264         284         300         313         300         323         341         355         342           125         107         113         124         132         111         118         129         137         116           66.4         56.9         58.1         60.8         64.9         55.6         56.7         59.4         6.99         6.90           66.4         56.9         58.1         60.8         64.9         55.6         56.7         59.4         50.2     <  
   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           24         30         38         28         24         30         28         24         30         30           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.4         17.1         17.6         18.2         18.7         19.1         19.8         20.5         5.06         5.01         5.01           279         264         284         300         313         300         323         341         355         342         368           125         107         113         124         132         111         118         129         137         116         124           66.4         56.9         58.1         60.8         6.95         6.96         6.92         6.93         6.93         6.93         6.93         6.93   
  | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.88           24         30         38         28         30         28         24         30         30         28           4.42         4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         0.81           17.4         17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         6.09         5.01         5.01         5.01         5.02         5.01         5.01         5.02         5.01         5.01         5.02         5.01         5.02         5.01         5.02         5.02         5.01         5.02         5.01         5.02         5.02         5.01         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02         5.02  
   | 64.5         55.3         56.4         59.0         63.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         24         30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         28         30         30         28         30         30         28         20         5.03         5.01         5.02         6.09         6.09         6.09         5.01         5.08         6.09         5.01         5.01         5.01         5.01         5.02         5.00         5.02   
   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         53.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0 <th< td=""><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         53.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.90         0.91         0.89         0.99         0.90         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         51.0         53.4         57.0         46.3           0.61         0.88         0.79         0.64         0.94         0.91         0.82         0.60         0.09         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.99         0.92         0.96         0.92         0.90         0.92         0.90         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.92         0.94         0.91         0.92         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.91         0.81         0.94         0.92         0.90         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         52.0         57.0         <th< td=""></th<></td></th<></td></th<></td></th<>                          | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         53.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0 <th< td=""><td>64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99      
  0.90         0.91         0.89         0.99         0.90         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         <th< td=""><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         51.0         53.4         57.0         46.3           0.61         0.88         0.79         0.64         0.94         0.91         0.82         0.60         0.09         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.99         0.92         0.96         0.92         0.90         0.92         0.90         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.92         0.94         0.91         0.92         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.91         0.81         0.94         0.92         0.90         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         52.0         57.0         <th< td=""></th<></td></th<></td></th<>   | 64.5         55.3         56.4         59.0         63.0         57.0         57.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.61         0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.90         0.91         0.89         0.99         0.90         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.89         0.99         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.91         0.   | 64.5         55.3         56.4         59.0         63.0         59.0         50.0       
 50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0 <th< td=""><td>64.5         55.3         56.4         59.0         63.0         59.0         50.0         51.0         53.4         57.0         46.3           0.61         0.88         0.79         0.64         0.94         0.91         0.82         0.60         0.09         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.99         0.92         0.96         0.92         0.90         0.92         0.90         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.92         0.94         0.91         0.92         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.91         0.81         0.94         0.92         0.90         0.91         0.</td><td>64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         52.0         57.0         <th< td=""></th<></td></th<>                           | 64.5         55.3         56.4         59.0         63.0         59.0         50.0         51.0         53.4         57.0         46.3           0.61         0.88         0.79         0.64         0.94         0.91         0.82         0.60         0.09         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.99         0.92         0.96         0.92         0.90         0.92         0.90         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.82         0.94         0.91         0.92         0.94         0.91         0.92         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.94         0.91         0.91         0.81         0.94         0.92         0.90         0.91         0.   | 64.5         55.3         56.4         59.0         63.0         54.0         55.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         61.3         52.0         57.0 <th< td=""></th<> |
| 55.3         56.4         59.0         63.0           0.89         0.86         0.77         0.63           30         30         28         24           4.38         4.48         4.62         4.77           17.1         17.6         18.2         18.9           264         284         300         313           107         113         124         132           56.9         58.1         60.8         64.9           0.93         0.90         0.81         0.66           28         27         26         22           4.42         4.51         4.66         4.81           17.3         17.7         18.3         19.0           266         287         303         316           108         114         125         133           57.2         58.3         61.1         65.2           0.94         0.91         0.82         0.67           25         24         23         20           4.45         4.55         4.70         4.85           17.5         18.5         19.2           269         289         306  | 55.3         56.4         59.0         63.0         54.0           0.89         0.86         0.77         0.63         0.91           30         30         28         24         30           4.38         4.48         4.62         4.77         4.66           17.1         17.6         18.2         18.9         18.7           264         284         300         313         300           107         113         124         132         111           56.9         58.1         60.8         64.9         55.6           0.93         0.90         0.81         0.66         0.96           28         27         26         22         28           4.42         4.51         4.66         4.81         4.70           17.3         17.7         18.3         19.0         18.8           266         287         303         316         303           108         114         125         133         112           57.2         58.3         61.1         65.2         55.9           0.94         0.91         0.82         0.67         0.97 <td< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0           0.89         0.86         0.77         0.63         0.91         0.88           30         30         28         24         30         30           4.38         4.48         4.62         4.77         4.66         4.76           17.1         17.6         18.2         18.9         18.7         19.1           264         284         300         313         300         323           107         113         124         132         111         118           56.9         58.1         60.8         64.9         55.6         56.7           0.93         0.90         0.81         0.66         0.92         0.92           28         27         26         22         28         27           4.42         4.51         4.66         4.81         4.70         4.80           17.3         17.7         18.3         19.0         18.8         19.3           266         287         303         316         303         326           27         28         30.         112         112         <td< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6           0.89         0.86         0.77         0.63         0.91         0.88         0.79           30         30         28         24         30         30         28           4.38         4.48         4.62         4.77         4.66         4.76         4.92           17.1         17.6         18.2         18.9         18.7         19.1         19.8           264         284         300         313         300         323         341           107         113         124         132         111         118         129           56.9         58.1         60.8         64.9         55.6         50.7         59.4           0.93         0.90         0.81         0.66         0.96         0.92         0.83           28         27         26         22         28         27         26           30.9         18.3         19.0         18.8         19.3         30.0           266         287         303         316         303         326         344           27         <t< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         30         28         24         30         30         28         24           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           264         284         300         313         300         323         341         355           107         113         124         132         111         118         129         137           56.9         58.1         60.8         64.9         55.6         50.7         50.4         63.3           0.93         0.90         0.81         0.66         0.96         0.92         0.83         0.68           28         27         26         22         28         27         26         22           4.42         4.51         4.56         4.81         4.70         4.80</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           30         38         2.8         2.4         30         30         28         2.4         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.1         17.6         18.2         18.3         18.7         19.1         19.8         20.5         50.0         20.0         20.0           264         284         300         313         300         323         341         355         342           107         113         124         132         111         118         129         137         116           56.9         58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.93         0.90         0.81         0.66         0.92         0.83         0.68         0.99           28         27         26         22         2</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         3.8         2.8         3.0         2.8         2.4         30         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.1         17.6         18.2         18.7         19.1         19.8         20.5         20.0         20.5           264         284         300         313         300         323         341         355         342         368           107         113         124         132         111         118         129         137         116         124           56.9         58.1         60.8         67.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9</td></t<><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         38         28         24         30         38         28         4.90         5.01         5.08           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           264         284         300         313         300         323         341         355         342         388         388           107         113         124         132         111         118         129         137         116         134         358         388           109         0.81         6.08         6.92         0.83         0.63         0.95         0.95         0.85         26         27</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30           30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         4.90         5.01         5.18         30         31         30         28         20         50</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0
          0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.</td><td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.94         0.89         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.</td><td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.99         0.99         0.92         0.96         0.98         0.99         0.</td><td>55.3         56.4         59.0         63.0         54.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.0         <th< td=""><td>55.3         56.4         59.0         63.0         50.0         50.0         51.0         53.4         57.0         46.3         47.2           0.89         0.88         0.99         0.84         0.91         0.88         0.92         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.99         0.98         0.99         0.94         0.89         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.91         0.88         0.99         0.90         0.91         0.89         0.99         0.</td></th<></td></td></td<></td></td<>  | 55.3         56.4         59.0         63.0         54.0         55.0           0.89         0.86         0.77         0.63         0.91         0.88           30         30         28         24         30         30           4.38         4.48         4.62         4.77         4.66         4.76           17.1         17.6         18.2         18.9         18.7         19.1           264         284         300         313         300         323           107         113         124         132         111         118           56.9         58.1         60.8         64.9         55.6         56.7           0.93         0.90         0.81         0.66         0.92         0.92           28         27         26         22         28         27           4.42         4.51         4.66         4.81         4.70         4.80           17.3         17.7         18.3         19.0         18.8         19.3           266         287         303         316         303         326           27         28         30.         112         112 <td< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6           0.89         0.86         0.77         0.63         0.91         0.88         0.79           30         30         28         24         30         30         28           4.38         4.48         4.62         4.77         4.66         4.76         4.92           17.1         17.6         18.2         18.9         18.7         19.1         19.8           264         284         300         313         300         323         341           107         113         124         132         111         118         129           56.9         58.1         60.8         64.9         55.6         50.7         59.4           0.93         0.90         0.81         0.66         0.96         0.92         0.83           28         27         26         22         28         27         26           30.9         18.3         19.0         18.8         19.3         30.0           266         287         303         316         303         326         344           27         <t< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0         57.0        
61.5           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         30         28         24         30         30         28         24           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           264         284         300         313         300         323         341         355           107         113         124         132         111         118         129         137           56.9         58.1         60.8         64.9         55.6         50.7         50.4         63.3           0.93         0.90         0.81         0.66         0.96         0.92         0.83         0.68           28         27         26         22         28         27         26         22           4.42         4.51         4.56         4.81         4.70         4.80</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           30         38         2.8         2.4         30         30         28         2.4         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.1         17.6         18.2         18.3         18.7         19.1         19.8         20.5         50.0         20.0         20.0           264         284         300         313         300         323         341         355         342           107         113         124         132         111         118         129         137         116           56.9         58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.93         0.90         0.81         0.66         0.92         0.83         0.68         0.99           28         27         26         22         2</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         3.8         2.8         3.0         2.8         2.4         30         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.1         17.6         18.2         18.7         19.1         19.8         20.5         20.0         20.5           264         284         300         313         300         323         341         355         342         368           107         113         124         132         111         118         129         137         116         124           56.9         58.1         60.8         67.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9</td></t<><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         38         28         24         30         38         28         4.90         5.01         5.08           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           264         284         300         313         300         323         341         355         342         388         388           107         113         124         132         111         118         129         137         116         134         358         388           109         0.81         6.08         6.92         0.83         0.63         0.95         0.95         0.85         26         27</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30           30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         4.90         5.01         5.18         30         31         30         28         20         50</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.</td><td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.</td><td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.94         0.89         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.</td><td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.99         0.99         0.92         0.96         0.98         0.99       
 0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.</td><td>55.3         56.4         59.0         63.0         54.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.0         <th< td=""><td>55.3         56.4         59.0         63.0         50.0         50.0         51.0         53.4         57.0         46.3         47.2           0.89         0.88         0.99         0.84         0.91         0.88         0.92         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.99         0.98         0.99         0.94         0.89         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.91         0.88         0.99         0.90         0.91         0.89         0.99         0.</td></th<></td></td></td<> | 55.3         56.4         59.0         63.0         54.0         55.0         57.6           0.89         0.86         0.77         0.63         0.91         0.88         0.79           30         30         28         24         30         30         28           4.38         4.48         4.62         4.77         4.66         4.76         4.92           17.1         17.6         18.2         18.9         18.7         19.1         19.8           264         284         300         313         300         323         341           107         113         124         132         111         118         129           56.9         58.1         60.8         64.9         55.6         50.7         59.4           0.93         0.90         0.81         0.66         0.96         0.92         0.83           28         27         26         22         28         27         26           30.9         18.3         19.0         18.8         19.3         30.0           266         287         303         316         303         326         344           27 <t< td=""><td>55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         30         28         24         30         30         28         24           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           264         284         300         313         300         323         341         355           107         113         124         132         111         118         129         137           56.9         58.1         60.8         64.9         55.6         50.7         50.4         63.3           0.93         0.90         0.81         0.66         0.96         0.92         0.83         0.68           28         27         26         22         28         27         26         22           4.42         4.51         4.56         4.81         4.70         4.80</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           30         38         2.8         2.4         30         30         28         2.4         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.1         17.6         18.2         18.3         18.7         19.1         19.8         20.5         50.0         20.0         20.0           264         284         300         313         300         323         341         355         342           107         113         124         132         111         118         129         137         116           56.9         58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.93         0.90         0.81         0.66         0.92         0.83         0.68         0.99           28         27         26         22         2</td><td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         3.8         2.8         3.0         2.8         2.4         30         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.1         17.6         18.2         18.7         19.1         19.8         20.5         20.0         20.5           264         284         300         313         300         323         341         355         342         368           107         113         124         132         111         118         129         137         116         124           56.9         58.1         60.8         67.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9</td></t<> <td>55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         38         28         24         30         38         28         4.90         5.01         5.08           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           264         284         300         313         300         323         341         355         342         388         388           107         113         124         132         111         118         129         137         116         134         358         388           109         0.81         6.08         6.92         0.83         0.63         0.95         0.95         0.85         26         27</td> <td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30           30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         4.90         5.01         5.18         30         31         30         28         20         50</td> <td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.0    
    50.0         50.</td> <td>55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.</td> <td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.94         0.89         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.</td> <td>55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.99         0.99         0.92         0.96         0.98         0.99         0.</td> <td>55.3         56.4         59.0         63.0         54.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.0         <th< td=""><td>55.3         56.4         59.0         63.0         50.0         50.0         51.0         53.4         57.0         46.3         47.2           0.89         0.88         0.99         0.84         0.91         0.88         0.92         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.99         0.98         0.99         0.94         0.89         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.91         0.88         0.99         0.90         0.91         0.89         0.99         0.</td></th<></td>  | 55.3         56.4         59.0         63.0         54.0         55.0         57.0         61.5           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         30         28         24         30         30         28         24           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5           264         284         300         313         300         323         341         355           107         113         124         132         111         118         129         137           56.9         58.1         60.8         64.9         55.6         50.7         50.4         63.3           0.93         0.90         0.81         0.66         0.96         0.92         0.83         0.68           28         27         26         22         28         27         26         22           4.42         4.51         4.56         4.81         4.70         4.80   
   
   | 55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94           30         38         2.8         2.4         30         30         28         2.4         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.1         17.6         18.2         18.3         18.7         19.1         19.8         20.5         50.0         20.0         20.0           264         284         300         313         300         323         341         355         342           107         113         124         132         111         118         129         137         116           56.9         58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.93         0.90         0.81         0.66         0.92         0.83         0.68         0.99           28         27         26         22         2  
   | 55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         3.8         2.8         3.0         2.8         2.4         30         30           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.1         17.6         18.2         18.7         19.1         19.8         20.5         20.0         20.5           264         284         300         313         300         323         341         355         342         368           107         113         124         132         111         118         129         137         116         124           56.9         58.1         60.8         67.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9         60.9  
  | 55.3         56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         38         28         24         30         38         28         4.90         5.01         5.08           4.38         4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.08           17.1         17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           264         284         300         313         300         323         341         355         342         388         388           107         113         124         132         111         118         129         137         116         134         358         388           109         0.81         6.08         6.92         0.83         0.63         0.95         0.95         0.85         26         27  
   | 55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30           30         28         24         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         24         30         30         28         4.90         5.01         5.18         30         31         30         28         20         50  
   | 55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.  | 55.3         56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         6.0         50.  
  | 55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.94         0.89         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.   | 55.3         56.4         59.0         63.0         57.0         57.5         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.89         0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.64         0.99         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.79         0.64         0.94         0.91         0.88         0.99         0.99         0.92         0.96         0.98         0.99   
     0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.   | 55.3         56.4         59.0         63.0         54.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.0 <th< td=""><td>55.3         56.4         59.0         63.0         50.0         50.0         51.0         53.4         57.0         46.3         47.2           0.89         0.88         0.99         0.84         0.91         0.88         0.92         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.99         0.98         0.99         0.94         0.89         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.91         0.88         0.99         0.90         0.91         0.89         0.99         0.</td></th<>                           | 55.3         56.4         59.0         63.0         50.0         50.0         51.0         53.4         57.0         46.3         47.2           0.89         0.88         0.99         0.84         0.91         0.88         0.92         0.94         0.89         0.99         0.98         0.99         0.99         0.98         0.99         0.99         0.98         0.99         0.94         0.89         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.91         0.88         0.99         0.90         0.91         0.89         0.99         0.                   |
| 56.4     59.0     63.0       0.86     0.77     0.63       30     28     24       4.48     4.62     4.77       17.6     18.2     18.9       284     300     313       113     124     132       58.1     60.8     64.9       0.90     0.81     0.66       27     26     22       4.51     4.66     4.81       17.7     18.3     19.0       287     303     316       114     125     133       58.3     61.1     65.2       0.91     0.82     0.67       24     23     20       4.55     4.70     4.85       17.9     18.5     19.2       289     306     319       116     126     134  | 56.4         59.0         63.0         54.0           0.86         0.77         0.63         0.91           30         28         24         30           4.48         4.62         4.77         4.66           17.6         18.2         18.9         18.7           284         300         313         300           113         124         132         111           58.1         60.8         64.9         55.6           0.90         0.81         0.66         0.96           27         26         22         28           4.51         4.66         4.81         4.70           17.7         18.3         19.0         18.8           287         303         316         303           114         125         133         112           58.3         61.1         65.2         55.9           0.91         0.82         0.97           24         23         20         25           4.55         4.70         4.85         4.74           17.9         18.5         19.2         19.0           289         306         319   
   | 56.4         59.0         63.0         54.0         55.0           0.86         0.77         0.63         0.91         0.88           30         28         24         30         30           4.48         4.62         4.77         4.66         4.76           17.6         18.2         18.9         18.7         19.1           284         300         313         300         323           113         124         132         111         118           58.1         60.8         64.9         55.6         56.7           0.90         0.81         0.66         0.96         0.92           27         26         22         28         27           4.51         4.66         4.81         4.70         4.80           17.7         18.3         19.0         18.8         19.3           287         303         316         303         326           114         125         133         112         119           58.3         61.1         65.2         55.9         56.9           0.91         0.82         0.67         0.93         6           24   
   
   | 56.4         59.0         63.0         54.0         55.0         57.0         63.0           0.86         0.77         0.63         0.91         0.88         0.79           30         28         24         30         30         28           4.48         4.62         4.77         4.66         4.76         4.92           17.6         18.2         18.9         18.7         19.1         19.8           284         300         313         300         323         341           113         124         132         111         118         129           58.1         60.8         64.9         55.6         50.7         59.4           0.90         0.81         0.66         0.96         0.92         0.83           27         26         22         28         27         26           4.51         4.70         4.80         4.96         117           11.7         18.3         19.0         18.8         19.3         20.0           287         303         316         303         326         344           114         125         133         112         119 <t< td=""><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5           0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         28         24         30         30         28         24           4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.6         18.2         18.9         18.7         19.1         19.8         20.5           284         300         313         300         323         341         355           113         124         132         111         118         129         137           58.1         60.8         64.9         55.6         56.7         59.4         63.3           0.90         0.81         0.66         0.96         0.92         0.83         0.68           27         26         22         28         27         26         22           4.51         4.66         4.81         4.70         4.80         4.96         5.12           11.7         18.3         19.0         18.8         19.3         20.0         20.7</td><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.86         0.77         0.63         0.91         0.88         0.79         0.64         9.94           30         28         24         30         38         28         24         30           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.6         18.2         18.9         18.7         19.1         19.8         20.5         50.0           284         300         313         300         323         341         355         342           113         124         132         111         118         129         137         116           58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99           27         26         22         28         27         26         22         28           4.51         4.66         4.81         4.70         4.80         4.80</td><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         28         24         30         32         28         24         30         30           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.6         18.2         18.3         18.7         19.1         19.8         20.5         20.0         20.5           284         300         313         300         323         341         355         342         368           113         124         132         111         118         129         137         116         124           58.1         60.8         64.9         55.6         50.7         59.4         63.3         34.2         368           27         26         22         28         27         26         22         28         28         4.8         4.96         5.06         1.7         4.96         5.12         4.95</td><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         28         24         30         28         24         30         30         28           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           284         300         313         300         323         341         355         342         388         388           113         124         132         111         118         129         137         116         134         135           58.1         60.8         64.9         55.6         50.7         50.4         63.9         0.95         0.86         0.89           6.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99</td><td>56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         60.0         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9        
60.9         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.90           30         28         24         30         28         24         30         28         24         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         40         55.2         5.40         5.20         5.13         5.20         5.13         5.20         5.13         5.20         5.11         4.8         4.9         5.01         5.11         4.9         5.11         124         437         45         4.8         4.8         48         414         437         45           284         30         31         31         32         34         38         36</td><td>56.4         59.0         63.0         57.0         57.7         53.7         56.2         60.0         50.0         50.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9</td><td>564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98         0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9</td></th<></td></th<></td></th<></td></th<></td></t<>  | 56.4         59.0         63.0         54.0         55.0         57.6         61.5           0.86         0.77         0.63         0.91         0.88         0.79         0.64           30         28         24         30         30         28         24           4.48         4.62         4.77         4.66         4.76         4.92         5.08           17.6         18.2         18.9         18.7         19.1         19.8         20.5           284         300         313         300         323         341         355           113         124         132         111         118         129         137           58.1         60.8         64.9         55.6         56.7         59.4         63.3           0.90         0.81         0.66         0.96         0.92         0.83         0.68           27         26         22         28         27         26         22           4.51         4.66         4.81         4.70         4.80         4.96         5.12           11.7         18.3         19.0         18.8         19.3         20.0         20.7   
   
   | 56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.86         0.77         0.63         0.91         0.88         0.79         0.64         9.94           30         28         24         30         38         28         24         30           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90           17.6         18.2         18.9         18.7         19.1         19.8         20.5         50.0           284         300         313         300         323         341         355         342           113         124         132         111         118         129         137         116           58.1         60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99           27         26         22         28         27         26         22         28           4.51         4.66         4.81         4.70         4.80         4.80   
   | 56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           30         28         24         30         32         28         24         30         30           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           17.6         18.2         18.3         18.7         19.1         19.8         20.5         20.0         20.5           284         300         313         300         323         341         355         342         368           113         124         132         111         118         129         137         116         124           58.1         60.8         64.9         55.6         50.7         59.4         63.3         34.2         368           27         26         22         28         27         26         22         28         28         4.8         4.96         5.06         1.7         4.96         5.12         4.95  
  | 56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         28         24         30         28         24         30         30         28           4.48         4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           17.6         18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           284         300         313         300         323         341         355         342         388         388           113         124         132         111         118         129         137         116         134         135           58.1         60.8         64.9         55.6         50.7         50.4         63.9         0.95         0.86         0.89           6.90         0.81         0.66         0.96         0.92         0.83         0.68         0.99   
   | 56.4         59.0         63.0         54.0         55.0         61.5         52.7         53.7         56.2         60.0         50.0         60.0 <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.90           30         28         24         30         28         24         30         28         24         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         40         55.2         5.40         5.20         5.13         5.20         5.13         5.20         5.13         5.20         5.11         4.8         4.9         5.01         5.11         4.9         5.11         124         437         45         4.8         4.8         48         414         437         45           284         30         31         31         32         34         38         36</td><td>56.4         59.0         63.0         57.0         57.7         53.7         56.2         60.0         50.0         50.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9</td><td>564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98    
    0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9</td></th<></td></th<></td></th<></td></th<> | 56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9 <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9         <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.90           30         28         24         30         28         24         30         28         24         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         40         55.2         5.40         5.20         5.13         5.20         5.13         5.20         5.13         5.20         5.11         4.8         4.9         5.01         5.11         4.9         5.11         124         437         45         4.8         4.8         48         414         437         45           284         30         31         31         32         34         38         36</td><td>56.4         59.0         63.0         57.0         57.7         53.7         56.2         60.0         50.0         50.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9</td><td>564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98         0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9</td></th<></td></th<></td></th<>  | 56.4         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         60.8         60.9         60.8         60.9 <th< td=""><td>56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.90           30         28         24         30         28         24         30         28         24         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         40         55.2         5.40        
5.20         5.13         5.20         5.13         5.20         5.13         5.20         5.11         4.8         4.9         5.01         5.11         4.9         5.11         124         437         45         4.8         4.8         48         414         437         45           284         30         31         31         32         34         38         36</td><td>56.4         59.0         63.0         57.0         57.7         53.7         56.2         60.0         50.0         50.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0         <th< td=""><td>564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9</td><td>564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98         0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9</td></th<></td></th<>   | 56.4         59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.90           30         28         24         30         28         24         30         28         24         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         30         28         28         40         55.2         5.40         5.20         5.13         5.20         5.13         5.20         5.13         5.20         5.11         4.8         4.9         5.01         5.11         4.9         5.11         124         437         45         4.8         4.8         48         414         437         45           284         30         31         31         32         34         38         36   | 56.4         59.0         63.0         57.0         57.7         53.7         56.2         60.0         50.0         50.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         57.0         50.0 
       50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0 <th< td=""><td>564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9</td><td>564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98         0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9</td></th<>   | 564         59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.86         0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.9   | 564         59.0         63.0         54.0         55.0         51.0         53.4         57.0         46.3         47.2           0.86         0.97         0.63         0.94         0.94         0.94         0.94         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.64         0.94         0.91         0.82         0.64         0.98         0.94         0.82         0.69         0.98         0.94         0.82         0.69         0.98         0.99         0.91         0.82         0.66         0.98         0.94         0.82         0.69         0.99         0.91         0.81         0.92         0.89         0.99         0.91         0.81         0.81         0.89         0.9                   |
| 59.0 63.0<br>0.77 0.63<br>28 24<br>4.62 4.77<br>18.2 18.9<br>300 313<br>124 132<br>60.8 64.9<br>0.81 0.66<br>26 22<br>4.66 4.81<br>18.3 19.0<br>303 316<br>125 133<br>61.1 65.2<br>0.82 0.67<br>23 20<br>4.70 4.85<br>18.5 19.2<br>306 319  | 59.0     63.0     54.0       0.77     0.63     0.91       28     24     30       4.62     4.77     4.66       18.2     18.9     18.7       300     313     300       124     132     111       60.8     64.9     55.6       0.81     0.66     0.96       26     22     28       4.66     4.81     4.70       18.3     19.0     18.8       303     316     303       125     133     112       61.1     65.2     55.9       0.82     0.67     0.97       23     20     25       4.70     4.85     4.74       18.5     19.0     306       306     319     306       126     13.4     113       306     319     306       126     134     113   
   | 59.0         63.0         54.0         55.0           0.77         0.63         0.91         0.88           28         24         30         30           4.62         4.77         4.66         4.76         4.76           18.2         18.9         18.7         19.1           300         313         300         323           124         132         111         118           60.8         64.9         55.6         56.7           0.81         0.66         0.96         0.92           26         22         28         27           4.66         4.81         4.70         4.80           18.3         19.0         18.8         19.3           303         316         303         326           125         133         112         119           61.1         65.2         55.9         56.9           0.82         0.67         0.97         0.93           0.82         0.67         0.97         0.93           23         20         25         24           4.70         4.84         4           4.70         4.84  
   
   | 59.0         63.0         54.0         55.0         57.6           0.77         0.63         0.91         0.88         0.79           28         24         30         30         28           4.62         4.77         4.66         4.76         4.92           18.2         18.9         18.7         19.1         19.8           300         313         300         323         341           124         132         111         118         129           60.8         64.9         55.6         56.7         59.4           0.81         0.66         0.96         0.92         0.83           26         22         28         27         26           4.66         4.81         4.70         4.80         4.96           18.3         19.0         18.8         19.3         20.0           303         316         303         326         344           125         133         112         119         130           61.1         65.2         55.9         56.9         59.6           0.82         26         27         23           4.70         4.84<   
   | 59.0         63.0         54.0         55.0         57.6         61.5           0.77         0.63         0.91         0.88         0.79         0.64           28         24         30         30         28         24           4.62         4.77         4.66         4.76         4.92         5.08           18.2         18.9         19.1         19.8         20.5           300         313         300         323         341         355           124         132         111         118         129         137           60.8         64.9         55.6         56.7         59.4         63.3           0.81         0.66         0.96         0.92         0.83         0.68           26         22         28         27         26         22           4.66         4.81         4.70         4.80         4.96         5.12           18.3         19.0         18.8         19.3         20.         20.           303         316         303         326         344         359           125         133         112         113         130         138  
   
   | 59.0         63.0         54.0         55.0         57.6         61.5         52.7           0.77         0.63         0.91         0.88         0.79         0.64         0.94           28         24         30         30         28         24         30           4.62         4.77         4.66         4.76         4.92         5.08         4.90           18.2         18.9         18.7         19.1         19.8         20.5         20.0           300         313         300         323         341         355         342           124         132         111         118         129         137         116           60.8         64.9         55.6         56.7         59.4         63.3         54.2           0.81         0.66         0.96         0.92         0.83         0.68         0.99           26         2.2         28         27         26         22         28           4.66         4.81         4.96         5.12         4.95           18.3         19.0         18.8         19.3         20.0         20.2           303         316         303   
   | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91           28         24         30         28         24         30         30           4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01           18.2         18.9         18.7         19.1         19.8         20.5         20.0         20.5           300         313         300         323         341         355         342         368           124         132         111         118         129         137         116         124           60.8         64.9         5.6.7         59.4         63.3         54.2         55.3           26         22         28         27         26         28         28         28         28           4.66         4.81         4.70         4.80         4.96         5.12         4.95         5.06           18.3         19.0         18.8         19.3         20.0         20.2         20.2  
  | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           28         24         30         28         24         30         30         28           4.62         4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.2         18.7         19.1         19.8         20.5         20.0         20.5         21.2           300         313         300         323         341         355         342         368         388           124         132         111         118         129         137         116         135           60.8         64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9           60.8         60.9         0.95         0.83         0.68         0.99         0.95         0.86           26         2.2         28         28         28         28         26         4.96         5.12         4.95 </td <td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.0         60.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         30         28         24         30         28         24         30         28         24         30         28         24         30         38         28         28         30         4.90         5.01         5.18         5.35         5.11         18.2         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         30         38.3         39         28         4.90         5.01         5.11         18.8         19.8         4.90         5.01         20.2         20.2         20.0         20.2         21.3         31.4         122         38         38         405         38.4         122         38.4         122         21.3         20.0         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2</td> <td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         28         24         30         28         6.96         0.99         0.94         0.91         0.82         0.66         0.98         0.94         0.91         0.82         0.66         0.98         0.99         0.99         0.92         20.0         20.0         20.1         21.3         21.3         21.3         20.0         20.2         21.2         22.0         21.3         21.</td> <td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         28         24         30         28         6.96         0.99         0.94         0.91         0.82         0.66         0.98         0.94         0.91         0.82         0.66         0.98         0.99         0.99         0.92         20.0         20.0         20.1         21.3         21.3         21.3         20.0         20.2         21.2         22.0         21.3         21.</td> <td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         40         50.0</td> <td>59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.0         60.0         50.0         <th< td=""><td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94        
0.85         0.69         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.99         0.99         0.91         0.88         405         3.4         437         45.5         5.29         2.8         2.8         405         3.84         414         437         45.5         5.29         6.99         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.89         0.99         0.89         0.99</td><td>59.0         63.0         54.0         55.0         57.0         51.0         53.4         57.0         46.3         47.2           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.</td></th<></td>  | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.0         60.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         30         28         24         30         28         24         30         28         24         30         28         24         30         38         28         28         30         4.90         5.01         5.18         5.35         5.11         18.2         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         30         38.3         39         28         4.90         5.01         5.11         18.8         19.8         4.90         5.01         20.2         20.2         20.0         20.2         21.3         31.4         122         38         38         405         38.4         122         38.4         122         21.3         20.0         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2         20.2  
  | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         28         24         30         28         6.96         0.99         0.94         0.91         0.82         0.66         0.98         0.94         0.91         0.82         0.66         0.98         0.99         0.99         0.92         20.0         20.0         20.1         21.3         21.3         21.3         20.0         20.2         21.2         22.0         21.3         21.   | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         50.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         28         24         30         28         6.96         0.99         0.94         0.91         0.82         0.66         0.98         0.94         0.91         0.82         0.66         0.98         0.99         0.99         0.92         20.0         20.0         20.1         21.3         21.3         21.3         20.0         20.2         21.2         22.0         21.3         21.  
   | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0         53.4         57.0           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         40         50.0  | 59.0         63.0         54.0         55.0         57.0         61.5         52.7         53.7         56.0         60.0         50.0      
  50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0 <th< td=""><td>59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.99         0.99         0.91         0.88         405         3.4         437         45.5         5.29         2.8         2.8         405         3.84         414         437         45.5         5.29         6.99         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.89         0.99         0.89         0.99</td><td>59.0         63.0         54.0         55.0         57.0         51.0         53.4         57.0         46.3         47.2           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.</td></th<>   | 59.0         63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.91         0.88         0.99         0.99         0.99         0.91         0.88         405         3.4         437         45.5         5.29         2.8         2.8         405         3.84         414         437         45.5         5.29         6.99         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.89         0.99         0.89         0.99   | 59.0         63.0         54.0         55.0         57.0         51.0         53.4         57.0         46.3         47.2           0.77         0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.94         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.                   |
| 63.0<br>0.63<br>24<br>4.77<br>18.9<br>313<br>132<br>64.9<br>0.66<br>22<br>4.81<br>19.0<br>316<br>133<br>65.2<br>0.67<br>20<br>4.85<br>19.2<br>316<br>19.0<br>316<br>19.0<br>316<br>19.0<br>316<br>19.0<br>316<br>317<br>318<br>318<br>318<br>318<br>318<br>318<br>318<br>318  | 63.0 54.0 0.63 0.91 24 30 4.77 4.66 18.7 313 300 132 111 64.9 55.6 0.66 0.96 22 28 4.81 4.70 19.0 18.8 316 303 112 65.2 55.9 0.67 0.67 0.97 20 25 4.85 4.74 113 306 319 306 134 113  
   | 63.0 54.0 55.0 6.0 6.3 0.6 6.0 6.6 6.0 6.8 6 4.7 6 4.7 4.6 4.7 6 4.7 19.1 118 64.9 55.6 56.7 6.6 0.96 0.92 6.9 6.96 0.92 6.96 0.96 0.92 19.0 18.8 19.3 316 303 326 133 112 119 65.2 55.9 56.9 6.67 0.67 0.97 0.93 6.7 4.85 4.74 4.84 19.2 19.0 19.5 319 306 329 134 113 120 134   
   
   | 63.0 54.0 55.0 57.6 0.63 0.91 0.88 0.79 24 30 30 28 4.77 4.66 4.76 4.92 18.9 18.7 19.1 19.8 313 300 323 341 112 118 129 64.9 55.6 56.7 59.4 0.66 0.96 0.92 0.83 22 28 27 26 4.81 4.70 4.80 4.96 19.0 18.8 19.3 20.0 316 303 326 344 133 112 119 130 65.2 55.9 56.9 59.6 0.67 0.97 0.93 0.84 20 65.2 55.9 56.9 59.6 0.67 0.97 0.93 0.84 20 65.2 55.9 56.9 59.6 0.67 0.97 0.93 0.84 20 19.2 19.0 19.5 20.1 319 306 329 348 113 120 131  
   | 63.0         54.0         55.0         57.6         61.5           0.63         0.91         0.88         0.79         0.64           24         30         30         28         24           4.77         4.66         4.76         4.92         5.08           18.9         18.7         19.1         19.8         20.5           313         300         323         341         355           132         111         118         129         137           64.9         55.6         56.7         59.4         63.3           0.66         0.96         0.92         0.83         0.68           22         28         27         26         22           4.81         4.70         4.80         4.96         5.12           19.0         18.8         19.3         20.0         20.7           316         303         326         344         359           133         112         119         130         138           65.2         55.9         56.9         59.6         63.6           0.67         0.97         0.93         0.84         0.68 <td< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7           0.63         0.91         0.88         0.79         0.64         0.94           24         30         30         28         24         30           4.77         4.66         4.76         4.92         5.08         4.90           18.9         18.7         19.1         19.8         20.5         20.0           313         300         323         341         355         342           132         111         118         129         137         116           64.9         55.6         56.7         59.4         63.3         54.2           0.66         0.96         0.92         0.83         0.68         0.99           22         28         27         26         22         28           4.81         4.70         4.80         4.96         5.12         4.95           19.0         18.8         19.3         20.0         20.7         20.2           31         303         326         344         359         345           413         112         119         130         138         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.63         0.91         0.88         0.79         0.64         0.94         0.91           24         30         30         28         24         30         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01           18.9         18.7         19.1         19.8         20.5         20.0         20.5           313         300         323         341         355         342         368           132         111         118         129         137         116         124           64.9         55.6         56.7         59.4         63.3         54.2         55.3           0.6         0.95         0.83       
 0.68         0.99         0.95           2         28         27         26         22         28         28           4.81         4.70         4.80         4.96         5.12         4.95         5.06           19.0         18.8         19.3         20.0         20.2         20.2         20.2           31.3</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           24         30         30         28         24         30         30         28           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           313         300         32.3         341         355         342         368         388           132         111         118         129         137         116         124         135           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9           0.66         0.96         0.92         0.83         0.68         0.99         0.95         0.86           22         28         27         26         22         28         28         26           4.81         1.93         20.0         20.7         20.7         20.4</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           24         30         28         24         30         30         28         24         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         33           313         300         323         341         355         342         368         388         405         384           132         111         118         129         137         116         124         135         144         122           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.2           6.6         0.96         0.92         0.83         0.98         0.98         0.98         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18         19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99         0.91         0.82         0.60         0.99         0.</td></t<></td></t<></td></t<></td></t<></td></td<>   
   | 63.0         54.0         55.0         57.6         61.5         52.7           0.63         0.91         0.88         0.79         0.64         0.94           24         30         30         28         24         30           4.77         4.66         4.76         4.92         5.08         4.90           18.9         18.7         19.1         19.8         20.5         20.0           313         300         323         341         355         342           132         111         118         129         137         116           64.9         55.6         56.7         59.4         63.3         54.2           0.66         0.96         0.92         0.83         0.68         0.99           22         28         27         26         22         28           4.81         4.70         4.80         4.96         5.12         4.95           19.0         18.8         19.3         20.0         20.7         20.2           31         303         326         344         359         345           413         112         119         130         138 <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.63         0.91         0.88         0.79         0.64         0.94         0.91           24         30         30         28         24         30         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01           18.9         18.7         19.1         19.8         20.5         20.0         20.5           313         300         323         341         355         342         368           132         111         118         129         137         116         124           64.9         55.6         56.7         59.4         63.3         54.2         55.3           0.6         0.95         0.83         0.68         0.99         0.95           2         28         27         26         22         28         28           4.81         4.70         4.80         4.96         5.12         4.95         5.06           19.0         18.8         19.3         20.0         20.2         20.2         20.2           31.3</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           24         30         30         28         24         30         30         28           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           313         300         32.3         341         355         342         368         388           132         111         118         129         137         116         124         135           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9           0.66         0.96         0.92         0.83         0.68         0.99         0.95         0.86           22         28         27         26         22         28         28         26           4.81         1.93         20.0         20.7         20.7         20.4</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           24         30         28         24         30         30         28         24         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         33           313         300         323         341         355         342         368         388         405         384           132         111         118         129         137         116         124         135         144         122           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.2           6.6         0.96         0.92         0.83         0.98         0.98         0.98         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18         19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85  
      0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99         0.91         0.82         0.60         0.99         0.</td></t<></td></t<></td></t<></td></t<>   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7           0.63         0.91         0.88         0.79         0.64         0.94         0.91           24         30         30         28         24         30         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01           18.9         18.7         19.1         19.8         20.5         20.0         20.5           313         300         323         341         355         342         368           132         111         118         129         137         116         124           64.9         55.6         56.7         59.4         63.3         54.2         55.3           0.6         0.95         0.83         0.68         0.99         0.95           2         28         27         26         22         28         28           4.81         4.70         4.80         4.96         5.12         4.95         5.06           19.0         18.8         19.3         20.0         20.2         20.2         20.2           31.3   
  | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82           24         30         30         28         24         30         30         28           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2           313         300         32.3         341         355         342         368         388           132         111         118         129         137         116         124         135           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9           0.66         0.96         0.92         0.83         0.68         0.99         0.95         0.86           22         28         27         26         22         28         28         26           4.81         1.93         20.0         20.7         20.7         20.4   
   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           24         30         28         24         30         30         28         24         30           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         33           313         300         323         341         355         342         368         388         405         384           132         111         118         129         137         116         124         135         144         122           64.9         55.6         56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.2           6.6         0.96         0.92         0.83         0.98         0.98         0.98 <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18         19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99        
0.91         0.82         0.60         0.99         0.</td></t<></td></t<></td></t<>   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414 <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414         <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18         19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99         0.91         0.82         0.60         0.99         0.</td></t<></td></t<>  | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         50.0         51.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           24         30         28         24         30         28         24         30         29           4.77         4.66         4.76         4.92         5.08         4.90         5.01         5.12         5.20         21.3         21.3         21.8           18.9         18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         21.8         414 <t< td=""><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18  
      19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.</td><td>63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99         0.91         0.82         0.60         0.99         0.</td></t<>   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.44         30         28         24         30         28         24         30         28         24         30         29         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         24         30         28         28         40         5.09         38         40         5.11         18         19         10         20.2         20.2         21.2         21.0         21.2         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.49         0.94         0.82         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.91         0.88         0.99         0.89         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.94         0.85         0.66         0.98         0.99         0.99         0.99         0.99         0.92         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0    
    21.2         22.0         21.2         22.0         21.2         22.0         21.2         22.0         22.2         22.0         22.2         22.2         22.2         22.2         22   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.90         0.   | 63.0         54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.63         0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.99         0.91         0.82         0.60         0.99         0.                   |
|   | 54.0<br>0.91<br>30<br>4.66<br>111<br>111<br>55.6<br>0.96<br>28<br>4.70<br>118.8<br>303<br>112<br>55.9<br>0.97<br>25<br>4.74<br>113<br>306<br>303<br>303<br>303<br>303<br>303<br>303<br>30  
   | 54.0 55.0 10.91 0.88 0 30 4.66 4.76 18.7 19.1 300 323 111 118 55.6 56.7 0.96 0.92 28 27 4.70 4.80 118.8 19.3 303 326 112 119 55.9 56.9 0.97 0.93 0.97 0.97 0.93 0.97 0.97 0.93 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97  
   
   | 54.0     55.0     57.6       0.91     0.88     0.79       30     30     28       4.66     4.76     4.92       18.7     19.1     19.8       300     323     341       111     118     129       55.6     56.7     59.4       0.96     0.92     0.83       28     27     26       4.70     4.80     4.96       18.8     19.3     20.0       303     326     344       112     119     130       55.9     56.9     59.6       0.97     0.93     0.84       25     24     23       4.74     4.84     5.00       19.0     19.5     20.1       306     329     348       113     120     131  
   | 54.0         55.0         57.6         61.5           0.91         0.88         0.79         0.64           30         30         28         24           4.66         4.76         4.92         5.08           18.7         19.1         19.8         20.5           300         323         341         355           111         118         129         137           55.6         56.7         59.4         63.3           0.96         0.92         0.83         0.68           28         27         26         22           4.70         4.80         4.96         5.12           18.8         19.3         20.0         20.7           303         326         344         359           112         119         130         138           55.9         56.9         59.6         63.6           0.97         0.93         0.84         0.68           25         24         23         20           4.74         4.84         5.00         5.17           19.0         19.5         20.1         20.9           306         329   
   
   | 54.0         55.0         57.6         61.5         52.7           0.91         0.88         0.79         0.64         0.94           30         30         28         24         30           4.66         4.76         4.92         5.08         4.90           18.7         19.1         19.8         20.5         20.0           300         323         341         355         342           111         118         129         137         116           55.6         56.7         59.4         63.3         54.2           0.96         0.92         0.83         0.68         0.99           28         27         26         22         28           4.70         4.80         4.96         5.12         4.95           18.8         19.3         20.0         20.7         20.2           303         326         344         359         345           112         119         130         138         117           55.9         56.9         59.6         63.6         54.5           0.97         0.93         0.84         0.68         1.00 <td< td=""><td>54.0         55.0         57.6         61.5         52.7         53.7           0.91         0.88         0.79         0.64         0.94         0.91           30         30         28         24         30         30           4.66         4.76         4.92         5.08         4.90         5.01           18.7         19.1         19.8         20.5         20.0         20.5           300         323         341         355         342         368           111         118         129         137         116         124           55.6         56.7         59.4         63.3         54.2         55.3           0.96         0.92         0.83         0.68         0.99         0.95           28         27         26         22         28         28           4.70         4.80         4.96         5.12         4.95         5.06           18.8         19.3         20.0         20.7         20.2         20.7           303         326         344         359         345         371           4.74         4.84         5.00         5.1         4.99</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         30         28         24         30         30         28           4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.7         19.1         19.8         20.5         20.0         20.5         21.2           300         32.3         341         355         342         368         388           111         118         129         137         116         124         135           55.6         56.7         59.4         63.3         54.2         55.3         57.9           0.96         0.92         0.83         0.68         0.99         0.95         0.86           28         27         26         22         28         28         26           4.70         4.80         4.96         5.12         4.95         5.06         5.22           18.8         19.3         20.0         20.7         20.4         39           112</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           30         28         24         30         30         28         24         30           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3           300         32.3         341         355         342         368         388         405         384           111         118         129         137         116         124         135         144         122           55.6         50.7         63.3         54.2         55.3         57.9         61.8         51.5           6.96         0.92         0.93         0.96         0.95         0.96         0.70         1.00           28         27         26         22         28         28         26         23         21.2</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         38         28         24         30         28         24         30         29           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         38         405         384         414           111         118         129         137         116         124         135         144         122         130           55.6         50.7         59.4         63.3         54.2         55.3         57.9         61.8         414         414           111         118         129         136         0.99         0.95         0.86         0.70         1.00         0.99           28         27         28         28         26<!--</td--><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         38         28         24         30         28         24         30         29           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         38         405         384         414           111         118         129         137         116         124         135         144         122         130           55.6         50.7         59.4         63.3         54.2         55.3         57.9         61.8         414         414           111         118         129         136         0.99         0.95         0.86         0.70         1.00         0.99           28         27         28         28         26<!--</td--><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.94         0.85         0.69           30         38         28         24         30         28         24         30         28         28         6.95         0.94         0.85         0.69         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.9</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.98         0.94         0.85         0.99         0.99         0.99         0.90         0.90         0.90         0.90         0.90         0.90         0.90         0.90         0.90         0.90 
       0.90         0.</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.85         0.99         0.89         0.94         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.</td></td></td></td<>  | 54.0         55.0         57.6         61.5         52.7         53.7           0.91         0.88         0.79         0.64         0.94         0.91           30         30         28         24         30         30           4.66         4.76         4.92         5.08         4.90         5.01           18.7         19.1         19.8         20.5         20.0         20.5           300         323         341         355         342         368           111         118         129         137         116         124           55.6         56.7         59.4         63.3         54.2         55.3           0.96         0.92         0.83         0.68         0.99         0.95           28         27         26         22         28         28           4.70         4.80         4.96         5.12         4.95         5.06           18.8         19.3         20.0         20.7         20.2         20.7           303         326         344         359         345         371           4.74         4.84         5.00         5.1         4.99   
  | 54.0         55.0         57.6         61.5         52.7         53.7         56.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82           30         30         28         24         30         30         28           4.66         4.76         4.92         5.08         4.90         5.01         5.18           18.7         19.1         19.8         20.5         20.0         20.5         21.2           300         32.3         341         355         342         368         388           111         118         129         137         116         124         135           55.6         56.7         59.4         63.3         54.2         55.3         57.9           0.96         0.92         0.83         0.68         0.99         0.95         0.86           28         27         26         22         28         28         26           4.70         4.80         4.96         5.12         4.95         5.06         5.22           18.8         19.3         20.0         20.7         20.4         39           112  
   | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           30         28         24         30         30         28         24         30           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3           300         32.3         341         355         342         368         388         405         384           111         118         129         137         116         124         135         144         122           55.6         50.7         63.3         54.2         55.3         57.9         61.8         51.5           6.96         0.92         0.93         0.96         0.95         0.96         0.70         1.00           28         27         26         22         28         28         26         23         21.2   
   | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         38         28         24         30         28         24         30         29           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         38         405         384         414           111         118         129         137         116         124         135         144         122         130           55.6         50.7         59.4         63.3         54.2         55.3         57.9         61.8         414         414           111         118         129         136         0.99         0.95         0.86         0.70         1.00         0.99           28         27         28         28         26 </td <td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         38         28         24         30         28         24         30         29           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         38         405         384         414           111         118         129         137         116         124         135         144         122         130           55.6         50.7         59.4         63.3         54.2         55.3         57.9         61.8         414         414           111         118         129         136         0.99         0.95         0.86         0.70         1.00         0.99           28         27         28         28         26<!--</td--><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.94         0.85         0.69           30         38         28         24         30         28         24         30         28         28         6.95         0.94         0.85         0.69         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.9</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.98         0.94         0.85         0.99         0.99         0.99         0.90         0.</td><td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.85         0.99         0.89         0.94         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.</td></td>  | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         38         28         24         30         28         24         30         29           4.66         4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           18.7         19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         38         405         384         414           111         118         129         137         116         124         135         144         122         130           55.6         50.7         59.4         63.3         54.2         55.3         57.9         61.8         414         414           111         118         129         136         0.99         0.95         0.86         0.70         1.00         0.99           28         27         28         28         26 </td <td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.94         0.85         0.69           30         38         28         24         30         28         24         30         28         28         6.95         0.94         0.85         0.69         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89        
0.99         0.89         0.9</td> <td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.</td> <td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.98         0.94         0.85         0.99         0.99         0.99         0.90         0.</td> <td>54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.85         0.99         0.89         0.94         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.</td>  | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.99         0.94         0.85         0.69           30         38         28         24         30         28         24         30         28         28         6.95         0.94         0.85         0.69         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.89         0.9  | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.89         0.99         0.99         0.99         0.99         0.99         0.99         0.99  
      0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.99         0.   | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.69         0.98         0.94         0.85         0.99         0.99         0.99         0.90         0.   | 54.0         55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.91         0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.99         0.85         0.99         0.89         0.94         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.99         0.89         0.                   |
| 54.0 0.91 30 4.66 118.7 300 1111 55.6 0.96 28 4.70 118.8 303 112 55.9 0.97 25 4.74 19.0   |  
   |
55.0<br>0.88<br>30<br>4.76<br>19.1<br>323<br>118<br>56.7<br>4.80<br>4.80<br>119<br>326<br>119<br>56.9<br>1093<br>24<br>4.84<br>4.84<br>119<br>56.9<br>119<br>326<br>119<br>326<br>119<br>327<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>4.80<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93<br>6.93   
  | 55.0 57.6 0.88 0.79 30 28 4.76 4.92 19.1 19.8 323 341 118 129 56.7 59.4 0.92 0.83 27 26 4.80 4.96 19.3 20.0 326 344 119 130 56.9 59.6 0.93 0.84 24 23 4.84 5.00 19.5 20.1 320 329 348  
  | 55.0 57.6 61.5 0.88 0.79 0.64 30 28 24 4.76 4.92 5.08 19.1 19.8 20.5 323 341 355 118 129 137 56.7 59.4 63.3 0.92 0.83 0.68 27 26 22 4.80 4.96 5.12 19.3 20.0 20.7 326 344 359 119 130 138 56.9 59.6 63.6 0.93 0.84 0.68 24 23 20 4.84 5.00 5.17 19.5 20.1 20.9 329 348 363 120 131 140   
   
  | 55.0         57.6         61.5         52.7           0.88         0.79         0.64         90.9           30         28         24         30           4.76         4.92         5.08         4.90           19.1         19.8         20.5         20.0           19.1         19.8         20.5         20.0           118         129         137         116           56.7         59.4         63.3         54.2           0.92         0.83         0.68         0.99           27         26         22         28           4.80         4.96         5.12         4.95           19.3         20.0         20.7         20.2           326         344         359         345           119         130         138         117           56.9         59.6         63.6         54.5           0.93         0.84         0.68         1.00           24         23         20         25           4.84         5.00         5.17         4.99           19.5         20.1         20.9           329         348         363 <td>55.0         57.6         61.5         52.7         53.7           0.88         0.79         0.64         0.94         0.91           30         28         24         30         30           4.76         4.92         5.08         4.90         5.01           19.1         19.8         20.5         20.0         20.5           323         341         355         342         368           118         129         137         116         124           56.7         59.4         63.3         54.2         55.3           0.92         0.83         0.68         0.99         0.95           27         26         22         28         28           4.80         4.96         5.12         4.95         5.06           19.3         20.0         20.7         20.2         20.7           326         344         359         345         371           119         130         138         117         125           56.9         59.6         63.6         54.5         55.6           0.93         0.84         0.68         1.00         0.96           <td< td=""><td>55.0         57.6         61.5         52.7         53.7         56.2           0.88         0.79         0.64         0.94         0.91         0.82           30         28         24         30         30         28           4.76         4.92         5.08         4.90         5.01         5.18           19.1         19.8         20.5         20.0         20.5         21.2           323         341         355         342         368         388           118         129         137         116         124         135           56.7         59.4         63.3         54.2         55.3         57.9           0.92         0.83         0.68         0.99         0.95         0.86           27         26         22         28         28         26           4.80         5.12         4.95         5.06         5.22           19.3         20.0         20.7         20.2         20.7         21.4           326         344         359         345         371         392           119         130         138         117         125         136</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           30         28         24         30         28         24         30           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3           118         129         137         116         124         135         144         122           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           4.80         4.96         5.12         4.95         5.06         5.22         5.40         5.16           19.3         20.0         20.7         20.7         20.7         20.4         20.3         20.2           326         344         359         345         371         32.8</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86         0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86         0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3        
54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.96         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.95         20.2         21.2         22.0         21.3         21.8         25.3         52.6         23.5         52.6         23.5         52.1         52.2         52.9         52</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.88         0.79         0.64         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.99         0.94         0.85         0.99         0.94         0.85         0.99         0.</td></td<></td>  | 55.0         57.6         61.5         52.7         53.7           0.88         0.79         0.64         0.94         0.91           30         28         24         30         30           4.76         4.92         5.08         4.90         5.01           19.1         19.8         20.5         20.0         20.5           323         341         355         342         368           118         129         137         116         124           56.7         59.4         63.3         54.2         55.3           0.92         0.83         0.68         0.99         0.95           27         26         22         28         28           4.80         4.96         5.12         4.95         5.06           19.3         20.0         20.7         20.2         20.7           326         344         359         345         371           119         130         138         117         125           56.9         59.6         63.6         54.5         55.6           0.93         0.84         0.68         1.00         0.96 <td< td=""><td>55.0         57.6         61.5         52.7         53.7         56.2           0.88         0.79         0.64         0.94         0.91         0.82           30         28         24         30         30         28           4.76         4.92         5.08         4.90         5.01         5.18           19.1         19.8         20.5         20.0         20.5         21.2           323         341         355         342         368         388           118         129         137         116         124         135           56.7         59.4         63.3         54.2         55.3         57.9           0.92         0.83         0.68         0.99         0.95         0.86           27         26         22         28         28         26           4.80         5.12         4.95         5.06         5.22           19.3         20.0         20.7         20.2         20.7         21.4           326         344         359         345         371         392           119         130         138         117         125         136</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           30         28         24         30         28         24         30           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3           118         129         137         116         124         135         144         122           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           4.80         4.96         5.12         4.95         5.06         5.22         5.40         5.16           19.3         20.0         20.7         20.7         20.7         20.4         20.3         20.2           326         344         359         345         371         32.8</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86         0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86    
    0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.96         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.95         20.2         21.2         22.0         21.3         21.8         25.3         52.6         23.5         52.6         23.5         52.1         52.2         52.9         52</td><td>55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.88         0.79         0.64         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.99         0.94         0.85         0.99         0.94         0.85         0.99         0.</td></td<> | 55.0         57.6         61.5         52.7         53.7         56.2           0.88         0.79         0.64         0.94         0.91         0.82           30         28         24         30         30         28           4.76         4.92         5.08         4.90         5.01         5.18           19.1         19.8         20.5         20.0         20.5         21.2           323         341         355         342         368         388           118         129         137         116         124         135           56.7         59.4         63.3         54.2         55.3         57.9           0.92         0.83         0.68         0.99         0.95         0.86           27         26         22         28         28         26           4.80         5.12         4.95         5.06         5.22           19.3         20.0         20.7         20.2         20.7         21.4           326         344         359         345         371         392           119         130         138         117         125         136  
  | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98           30         28         24         30         28         24         30           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3           118         129         137         116         124         135         144         122           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5           4.80         4.96         5.12         4.95         5.06         5.22         5.40         5.16           19.3         20.0         20.7         20.7         20.7         20.4         20.3         20.2           326         344         359         345         371         32.8  
  | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86         0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37  
   | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           30         28         24         30         28         24         30         29           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.3         21.8           118         129         137         116         124         135         144         122         130           56.7         59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           0.92         0.83         0.86         0.90         0.95         0.86         0.70         1.00         0.99           27         26         22         28         28         26         23         27         27           4.80         5.10         5.12         37         37         37   | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0  
   | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           30         28         24         30         28         24         30         29         28         24           4.76         4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.1         19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         5.25         5.41         457         455           118         129         137         116         124         135         144         417         457         455           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         60.7         100         69.9         60.9           56.7         59.4         63.3         54.2         55.3         57.9         61.8         61.8         67.2         58.0  | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.88         0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.94         0.85         0.69         0.94         0.85         0.96         0.98         0.94         0.85         0.69         0.98         0.99         0.99         0.95         20.2         21.2         22.0         21.3         21.8         25.3         52.6         23.5         52.6         23.5         52.1         52.2         52.9         52   | 55.0         57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.88         0.79         0.64         0.91         0.82         0.66         0.98         0.94         0.85         0.69         0.94         0.85         0.99         0.94         0.85         0.99         0.94         0.85         0.99         0.                   |
|   | 55.0<br>0.88<br>30<br>4.76<br>19.1<br>323<br>118<br>56.7<br>0.92<br>27<br>4.80<br>119<br>326<br>0.93<br>24<br>4.84<br>4.84<br>4.84<br>4.84<br>4.84<br>4.84<br>4.80<br>119.3<br>326<br>326<br>326<br>326<br>326<br>326<br>326<br>32   
   |   
   
   | 57.6<br>0.79<br>28<br>4.92<br>19.8<br>341<br>129<br>59.4<br>0.83<br>26<br>4.96<br>20.0<br>344<br>130<br>59.6<br>0.84<br>23<br>5.00<br>23<br>5.00<br>23<br>5.00<br>23<br>24<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>130<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34<br>34   
   | 57.6 61.5<br>0.79 0.64<br>28 24<br>4.92 5.08<br>19.8 20.5<br>341 355<br>129 137<br>59.4 63.3<br>0.83 0.68<br>26 22<br>4.96 5.12<br>20.0 20.7<br>344 359<br>130 138<br>59.6 63.6<br>0.84 0.68<br>23 20<br>5.00 5.17<br>20.1 20.9<br>348 363<br>131 140   
   
   | 57.6         61.5         52.7           0.79         0.64         0.94           28         24         30           4.92         5.08         4.90           19.8         20.5         20.0           34.1         35.5         34.2           129         137         116           59.4         63.3         54.2           0.83         0.68         0.99           26         22         28           4.96         5.12         4.95           20.0         20.7         20.2           344         359         345           130         138         117           59.6         63.6         54.5           0.84         0.68         1.00           23         20         25           5.00         5.17         4.99           20.1         20.3         348           348         363         348           438         363         348           430         25         20.4           438         363         348           438         363         348           430         363 </td <td>57.6         61.5         52.7         53.7           0.79         0.64         0.94         0.91           28         24         30         30           4.92         5.08         4.90         5.01           19.8         20.5         20.0         20.5           34.1         35.5         34.2         368           129         137         116         124           59.4         63.3         54.2         55.3           0.83         0.68         0.99         0.95           26         22         28         28           4.96         5.12         4.95         5.06           20.0         20.7         20.2         20.7           344         359         345         371           130         138         117         125           59.6         63.6         54.5         55.6           0.84         0.68         1.00         0.96           23         20         25         25           500         5.17         4.99         5.10           201         20.3         348         375           348         363</td> <td>57.6         61.5         52.7         53.7         56.2           0.79         0.64         0.94         0.91         0.82           28         24         30         30         28           4.92         5.08         4.90         5.01         5.18           19.8         20.5         20.0         20.5         21.2           341         355         342         368         388           129         137         116         124         135           59.4         63.3         54.2         55.3         57.9           0.83         0.68         0.99         0.95         0.86           26         22         28         28         26           4.96         5.12         4.95         5.06         5.22           20.0         20.7         20.7         21.4           344         359         345         371         392           130         138         117         125         136           59.6         63.6         54.5         55.6         58.7           0.84         0.68         1.00         0.96         0.87           23         2</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98           28         24         30         30         28         24         30           4.92         5.08         4.90         5.01         5.18         5.35         5.11           19.8         20.5         20.0         20.5         21.2         22.0         21.3           19.8         20.5         20.0         20.5         21.2         22.0         21.3           129         137         116         124         135         144         122           59.4         63.3         54.2         55.3         57.9         61.8         51.5           0.83         0.68         0.99         0.95         0.86         0.70         1.00           20         2.2         28         28         26         23         27           4.96         5.12         5.06         5.25         5.40         5.16           20.0         20.7         20.7         21.4         22.2         21.2           344         359&lt;</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         29           4.92         5.08         4.90         5.01         5.13         5.13         5.13           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           11.9         13.7         116         12.4         135         144         122         130           59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           20.8         0.98         0.95         0.86         0.70         1.00         0.99           20.2         22         28         28         26         23         27         27           20.0         20.7         20.7         20.7         20.7         20.7         20.7         20.7</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         29           4.92         5.08         4.90         5.01         5.13         5.13         5.13           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           11.9         13.7         116         12.4         135         144         122         130           59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           20.8         0.98         0.95         0.86         0.70         1.00         0.99           20.2         22         28         28         26         23         27         27           20.0         20.7         20.7         20.7         20.7         20.7         20.7         20.7</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           28         24         30         28         24         30         28         24           4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.8         20.5         20.5         20.2         20.2         20.2         21.3         21.8         5.23         5.41         5.23         5.40         5.59           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         4.44         4.37         4.55           129         137         116         124         135         144         122         130         142         151           20.4         63.3         54.2         55.3         57.9         61.8         67.0         1.00         0.99         0.89         0.70         1.00         0.89         0.72         2.2         2.4</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           28         24         30         28         24         30         28         24           4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.8         20.5         20.5         20.2         20.2         20.2         21.3         21.8         5.23         5.41         5.23         5.40         5.59           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         4.44         4.37         4.55           129         137         116         124         135         144         122         130         142         151           20.4         63.3         54.2         55.3         57.9         61.8         67.0         1.00         0.99         0.89         0.70         1.00         0.89         0.72         2.2         2.4</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.79         0.64         0.94         0.92         0.66         0.98         0.94         0.85         0.69         0.98           28         24         30         28         24         30         28         24         30         28         24         28         24         28         24         28         29         28         24         28         28         4.90         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         28         28         405         384         414         437         455         5.29         5.29           19.8         20.5         20.2         20.2         20.2         21.3         21.8         414         437         455         426         426         429         529         529         529         529         529         529         529 
       529         529         529         529         529         529         429         429         529         529         529         529         529         &lt;</td> <td>57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.79         0.64         0.94         0.85         0.94         0.85         0.69         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.98         0.99         0.98         0.99         0.99         0.98         0.99         0.</td>  | 57.6         61.5         52.7         53.7           0.79         0.64         0.94         0.91           28         24         30         30           4.92         5.08         4.90         5.01           19.8         20.5         20.0         20.5           34.1         35.5         34.2         368           129         137         116         124           59.4         63.3         54.2         55.3           0.83         0.68         0.99         0.95           26         22         28         28           4.96         5.12         4.95         5.06           20.0         20.7         20.2         20.7           344         359         345         371           130         138         117         125           59.6         63.6         54.5         55.6           0.84         0.68         1.00         0.96           23         20         25         25           500         5.17         4.99         5.10           201         20.3         348         375           348         363  
  | 57.6         61.5         52.7         53.7         56.2           0.79         0.64         0.94         0.91         0.82           28         24         30         30         28           4.92         5.08         4.90         5.01         5.18           19.8         20.5         20.0         20.5         21.2           341         355         342         368         388           129         137         116         124         135           59.4         63.3         54.2         55.3         57.9           0.83         0.68         0.99         0.95         0.86           26         22         28         28         26           4.96         5.12         4.95         5.06         5.22           20.0         20.7         20.7         21.4           344         359         345         371         392           130         138         117         125         136           59.6         63.6         54.5         55.6         58.7           0.84         0.68         1.00         0.96         0.87           23         2  
   | 57.6         61.5         52.7         53.7         56.2         60.0         50.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98           28         24         30         30         28         24         30           4.92         5.08         4.90         5.01         5.18         5.35         5.11           19.8         20.5         20.0         20.5         21.2         22.0         21.3           19.8         20.5         20.0         20.5         21.2         22.0         21.3           129         137         116         124         135         144         122           59.4         63.3         54.2         55.3         57.9         61.8         51.5           0.83         0.68         0.99         0.95         0.86         0.70         1.00           20         2.2         28         28         26         23         27           4.96         5.12         5.06         5.25         5.40         5.16           20.0         20.7         20.7         21.4         22.2         21.2           344         359<  
   | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         29           4.92         5.08         4.90         5.01         5.13         5.13         5.13           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           11.9         13.7         116         12.4         135         144         122         130           59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           20.8         0.98         0.95         0.86         0.70         1.00         0.99           20.2         22         28         28         26         23         27         27           20.0         20.7         20.7         20.7         20.7         20.7         20.7         20.7  | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94           28         24         30         28         24         30         29           4.92         5.08         4.90         5.01         5.13         5.13         5.13           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8           11.9         13.7         116         12.4         135         144         122         130           59.4         63.3         54.2         55.3         57.9         61.8         51.5         52.5           20.8         0.98         0.95         0.86         0.70         1.00         0.99           20.2         22         28         28         26         23         27         27           20.0         20.7         20.7         20.7         20.7         20.7         20.7         20.7  
  | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           28         24         30         28         24         30         28         24           4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.8         20.5         20.5         20.2         20.2         20.2         21.3         21.8         5.23         5.41         5.23         5.40         5.59           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         4.44         4.37         4.55           129         137         116         124         135         144         122         130         142         151           20.4         63.3         54.2         55.3         57.9         61.8         67.0         1.00         0.99         0.89         0.70         1.00         0.89         0.72         2.2         2.4   | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0           0.79         0.64         0.94         0.91         0.82         0.66         0.98         0.94         0.85         0.69           28         24         30         28         24         30         28         24           4.92         5.08         4.90         5.01         5.18         5.35         5.11         5.23         5.40         5.59           19.8         20.5         20.5         20.2         20.2         20.2         21.3         21.8         5.23         5.41         5.23         5.40         5.59           19.8         20.5         20.0         20.5         21.2         22.0         21.3         21.8         4.44         4.37         4.55           129         137         116         124         135         144         122         130         142         151           20.4         63.3         54.2         55.3         57.9         61.8      
  67.0         1.00         0.99         0.89         0.70         1.00         0.89         0.72         2.2         2.4   | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3           0.79         0.64         0.94         0.92         0.66         0.98         0.94         0.85         0.69         0.98           28         24         30         28         24         30         28         24         30         28         24         28         24         28         24         28         29         28         24         28         28         4.90         0.98         0.99         0.89         0.99         0.89         0.99         0.89         0.99         28         28         405         384         414         437         455         5.29         5.29           19.8         20.5         20.2         20.2         20.2         21.3         21.8         414         437         455         426         426         429         529         529         529         529         529         529         529         529         529         529         529         529         529         429         429         529         529         529         529         529         <   | 57.6         61.5         52.7         53.7         56.2         60.0         50.0         51.0         53.4         57.0         46.3         47.2           0.79         0.64         0.94         0.85         0.94         0.85         0.69         0.98         0.94         0.85         0.69         0.98         0.99         0.98         0.99         0.98         0.99         0.98         0.99         0.99         0.98         0.99         0.                   |

Amps = outdoor unit amps (comp.+fan) kW = Total system power

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

#### AHRI RATINGS

OUTDOOR	INDOOR UNITS			COOLING	RATINGS			
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	ACNF18XX16D*		16,800	12,800	13.00	10.80	600	5039733
0181E*	ACNF24XX16D*		17,000	13,000	13.00	10.80	600	5039734
	ARPT18B14A*		17,400	13,300	13.00	11.00	600	5360106
	ARPT24B14A*		17,200	13,100	13.00	11.00	600	5378531
	ARUF18B14A*		17,200	13,100	13.00	11.00	600	5360107
	ARUF18B14A*+TXV		17,200	13,100	13.00	11.00	600	5378529
	ARUF24B14B*		17,200	13,100	13.00	11.00	600	5647167
	ARUF24B14B*+TXV		17,200	13,100	13.50	11.00	600	5647168
	ASPT24B14A*		17,600	13,400	14.00	12.00	605	5722521
	ASPT30C14A*		18,000	13,700	14.50	12.50	580	5722522
	ASUF29B14A*		17,600	13,400	13.50	11.50	605	5722520
	ASUF29B14A*+TXV		17,600	13,400	14.00	12.00	605	5722563
	AVPTC24B14A*		17,600	13,400	14.00	12.00	600	5924342
	AVPTC30C14A*		18,000	13,700	14.50	12.00	615	5924442
	AWUF18XX16B*		17,200	13,100	13.00	11.00	600	5039739
	AWUF31XX16A*		17,200	13,100	14.00	11.30	600	5039740
	CA*F1824*6D*	A*VC80604B*B*	18,000	13,700	14.00	11.50	675	5039742
	CA*F1824*6D*	G*E80603B*B*	17,800	13,600	14.00	11.50	640	5039744
	CA*F1824*6D*	G*VC80604B*B*	18,000	13,700	14.00	11.50	670	5039746
	CA*F1824*6D*	G*VM960603BXB*	18,000	13,700	14.00	11.50	670	5620945
	CA*F1824*6D*	G*VC950453BXB*	17,800	13,600	14.00	11.50	640	5620941
	CA*F1824*6D*	G*VC950704CXB*	17,800	13,600	14.00	11.50	640	5620944
	CA*F1824*6D*	GME950403BXA*	18,000	13,700	14.00	11.60	600	6497531
	CA*F1824*6D*	A*VC950453BXB*	18,000	13,700	14.00	11.60	600	6497529
	CA*F1824*6D*	A*VM960603BXB*	18,000	13,700	14.00	11.60	600	6497530
	CA*F1824*6D*	A*EH800603B*A*	17,800	13,600	14.00	11.50	640	6944831
	CA*F1824*6D*	AMEH960403BXA*	18,000	13,700	14.00	11.60	600	6944834
	CA*F1824*6D*+EEP	7.11.12.1300.1002.11.1	17,800	13,600	13.00	11.00	650	5039750
	CA*F1824*6D*+MBVC1200**-1A*		18,200	13,900	14.00	11.50	640	5039751
	CA*F3030*6D*+EEP		18,000	13,700	13.00	11.00	650	5561904
	CA*F3030*6D*+EEP+TXV		18,000	13,700	13.00	11.00	650	5581977
	CA*F3131*6D*+EEP		18,000	13,700	13.00	11.00	650	5561905
	CA*F3131*6D*+EEP+TXV		18,000	13,700	13.00	11.00	650	5561906
	CAPT3131*4A*	A*VC950714CXB*	18,000	13,700	14.00	11.50	650	5948604
	CAPT3131*4A*	A*VM960604CXB*	18,000	13,700	14.00	11.50	670	5948608
	CAPT3131*4A*	G*VM960604CXB*	18,000	13,700	14.00	11.50	670	5948624
	CAPT3131*4A*	GME950603BXA*	18,000	13,700	14.00	11.50	575	5948628
	CAPT3131*4A*	ADVC80603B*B*		13,700	14.00		675	5948610
			18,000			11.50		
	CAPT3131*4A* CAPT3131*4A*	G*E80603B*B* A*VC80604B*B*	18,000	13,700	14.00	11.50 11.50	650 675	5948612 5948598
			18,000	13,700	14.00			5948616
	CAPT3131*4A*	G*VC950453BXB*	18,000	13,700	14.00	11.50	650	
	CAPT3131*4A*	A*VC950453BXB*	18,000	13,700	14.00	11.50	650 650	5948600
	CAPT3131*4A*	A*VM960603BXB*	18,000	13,700	14.00	11.50	650	5948606
	CAPT3131*4A*	G*VC950714CXB*	18,000	13,700	14.00	11.50	650	5948620
	CAPT3131*4A*	G*VM960603BXB*	18,000	13,700	14.00	11.50	650	5948622
	CAPT3131*4A*	G*VC80604B*B*	18,000	13,700	14.00	11.50	675	5948614
	CAPT3131*4A*	G*VC950704CXB*	18,000	13,700	14.00	11.50	660	5948618
	CAPT3131*4A*	GME950403BXA*	18,000	13,700	14.00	11.50	575	5948626
	CAPT3131*4A*	A*VC950704CXB*	18,000	13,700	14.00	11.50	660	5948602

OUTDOOR	INDOOR UNITS			COOLING	RATINGS			
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CAPT3131*4A*	A*EH800603B*A*	18,000	13,700	14.00	11.50	650	6944836
0181E*	CAPT3131*4A*	AMEH960403BXA*	18,000	13,700	14.00	11.50	575	6944839
	CAPT3131*4A*	AMEH960603BXA*	18,000	13,700	14.00	11.50	575	6944842
	CAPT3131*4A*+EEP	7.11.12.13.000.03.27.11.1	17,400	13,300	13.00	11.00	650	5611304
	CAPT3131*4A*+MBVC1200**-1A*		17,400	13,300	14.00	11.50	650	5611305
	CHPF1824A6C*+EEP		17,800	13,600	13.00	11.00	650	5039752
	CHPF2430B6C*	G*E80603B*B*	18,000	13,700	14.00	11.50	640	5039754
	CHPF2430B6C*	A*VC80604B*B*	17,700	13,500	14.00	11.50	660	5039796
	CHPF2430B6C*	G*VC80604B*B*	17,700	13,500	14.00	11.50	660	5039798
	CHPF2430B6C*	G*VC950453BXB*	18,200	13,900	14.00	11.50	650	5620942
	CHPF2430B6C*	G*VM960603BXB*	18,200	13,900	14.00	11.50	675	5620946
	CHPF2430B6C*	GME950403BXA*	18,400	14,000	14.00	11.60	600	6497534
	CHPF2430B6C*	A*VM960603BXB*	-	14,000	14.00	11.60	600	6497533
		A*VC950453BXB*	18,400					
	CHPF2430B6C*		18,400	14,000	14.00	11.60	600	6497532
	CHPF2430B6C*	A*EH800603B*A*	18,000	13,700	14.00	11.50	640	6944845
	CHPF2430B6C*	AMEH960403BXA*	18,400	14,000	14.00	11.60	600	6944848
	CHPF2430B6C*+EEP		17,800	13,600	13.00	11.00	650	5039758
	CHPF2430B6C*+MBVC1200**-1A*		18,200	13,900	14.00	11.50	650	5039759
	CSCF1824N6D*	A*VC80604B*B*	17,700	13,500	14.00	11.50	660	5039800
	CSCF1824N6D*	G*VC80604B*B*	17,700	13,500	14.00	11.50	660	5039801
	CSCF1824N6D*	G*E80603B*B*	18,000	13,700	14.00	11.50	640	5039760
	CSCF1824N6D*	G*VM960603BXB*	18,200	13,900	14.00	11.50	670	5620947
	CSCF1824N6D*	G*VC950453BXB*	18,200	13,900	14.00	11.50	650	5620943
	CSCF1824N6D*	A*VC950453BXB*	18,000	13,700	14.00	11.60	650	6497535
	CSCF1824N6D*	A*EH800603B*A*	18,000	13,700	14.00	11.50	640	6944850
	CSCF1824N6D*+EEP		17,800	13,600	13.00	11.00	650	5039763
GSX13	ACNF24XX16D*		22,400	16,500	13.00	11.00	770	4699979
0241D*	ACNF30XX16D*		22,600	16,600	13.00	11.00	845	5624657
	ARPT24B14A*		22,400	16,500	13.00	11.00	800	5360108
	ARUF24B14B*		22,000	16,200	13.00	11.00	800	5647169
	ARUF24B14B*+TXV		22,000	16,200	13.00	11.00	800	5647170
	ASPT24B14A*		23,000	16,900	13.80	11.80	810	5722527
	ASPT30C14A*		23,400	17,200	14.00	12.00	845	5722528
	ASUF29B14A*		23,000	16,900	13.50	11.50	810	5722526
	ASUF29B14A*+TXV		23,000	16,900	13.80	11.80	810	5722565
	AVPTC24B14A*		22,600	16,600	14.00	12.00	800	5924453
	AVPTC30C14A*		23,400	17,200	14.00	12.00	780	5924454
	AWUF24XX16B*		23,000	16,900	13.00	11.00	800	4699990
	AWUF30XX16B*		23,200	17,100	13.00	11.00	800	4699991
	AWUF31XX16A*		23,000	16,900	14.00	11.30	800	4699992
	AWUF32XX16A*		23,000	16,900	14.00	11.30	800	4699993
	CA*F1824*6D*	G*E80603B*B*	23,000	16,900	14.00	11.50	860	5038902
	CA*F1824*6D*	G*VC950704CXB*	23,000	16,900	14.00	11.50	800	5620950
	CA*F1824*6D*	G*VM960603BXB*	23,000	16,900	14.00	11.50	800	5620951
	CA*F1824*6D*	GME950403BXA*	23,000	16,900	14.00	11.60	800	6497541
	CA*F1824*6D*	A*VM960603BXB*	23,000	16,900	14.00	11.60	800	6497539
	CA*F1824*6D*	A*VC950704CXB*	23,000	16,900	14.00	11.60	800	6497538
	CA*F1824*6D*	GME950603BXA*	22,800	16,800	13.80	11.50	800	6497542
	CA*F1824*6D*	G*VC80604B*B*	23,000	16,900	14.00	11.60	820	6497540

OUTDOOR	Indoor Units			COOLING	RATINGS		CF1.	A
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS.1	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CA*F1824*6D*	A*VC950453BXB*	23,000	16,900	14.00	11.60	800	649753
0241D*	CA*F1824*6D*	G*VC950453BXB*	23,000	16,900	14.00	11.50	800	5620948
	CA*F1824*6D*	A*VC80604B*B*	23,000	16,900	14.00	11.60	820	6497536
	CA*F1824*6D*	A*EH800603B*A*	23,000	16,900	14.00	11.50	860	6944853
	CA*F1824*6D*	AMEH960403BXA*	23,000	16,900	14.00	11.60	800	6944856
	CA*F1824*6D*	AMEH960603BXA*	22,800	16,800	13.80	11.50	800	6944858
	CA*F1824*6D*+EEP		23,000	16,900	13.00	11.00	800	4700003
	CA*F1824*6D*+MBVC1200**-1A*		23,000	16,900	14.00	11.50	800	4700004
	CA*F3030*6D*+EEP		23,000	16,900	13.00	11.00	800	556190
	CA*F3030*6D*+EEP+TXV		23,000	16,900	13.00	11.00	800	5581978
	CA*F3131*6D*+EEP		23,000	16,900	13.00	11.00	800	5561908
	CA*F3131*6D*+EEP+TXV		23,000	16,900	13.00	11.00	800	556190
	CA*F3636*6D*+EEP		23,000	16,900	13.00	11.00	800	5561910
	CA*F3636*6D*+EEP+TXV		23,000	16,900	13.00	11.00	800	556191
	CAPT3131*4A*	A*VC950453BXB*	23,000	16,900	14.00	11.50	800	594863
	CAPT3131*4A*	A*VM960603BXB*	23,000	16,900	14.00	11.50	820	594863
	CAPT3131*4A*	A*VM960604CXB*	23,000	16,900	14.00	11.50	800	594864
	CAPT3131*4A*	G*VC80604B*B*	23,000	16,900	14.00	11.50	830	594864
	CAPT3131*4A*	G*VC950704CXB*	23,000	16,900	14.00	11.50	800	594865
	CAPT3131*4A*	G*VM960603BXB*	23,000	16,900	14.00	11.50	820	594865
	CAPT3131*4A*	A*VC950714CXB*	23,000	16,900	14.00	11.50	800	594863
	CAPT3131*4A*	G*VM960604CXB*	23,000	16,900	14.00	11.50	800	594865
	CAPT3131*4A*	G*E80603B*B*	23,000	16,900	14.00	11.50	800	594864
	CAPT3131 4A CAPT3131*4A*	G*VC950453BXB*	23,000	16,900	14.00	11.50	800	594864
	CAPT3131*4A*	A*VC950704CXB*	23,000	16,900	14.00	11.50	800	594863
	CAPT3131*4A*	GME950403BXA*		16,900	14.00	11.50	800	594865
			23,000		ŀ			
	CAPT3131*4A*	GME950603BXA*	23,000	16,900	14.00	11.50	800	594866
	CAPT3131*4A*	A*VC80604B*B*	23,000	16,900	14.00	11.50	830	594863
	CAPT3131*4A*	ADVC80603B*B*	23,000	16,900	14.00	11.50	800	594864
	CAPT3131*4A*	G*VC950714CXB*	23,000	16,900	14.00	11.50	800	594865
	CAPT3131*4A*	A*EH800603B*A*	23,000	16,900	14.00	11.50	800	694486
	CAPT3131*4A*	AMEH960403BXA*	23,000	16,900	14.00	11.50	800	694486
	CAPT3131*4A*	AMEH960603BXA*	23,000	16,900	14.00	11.50	800	694486
	CAPT3131*4A*+EEP		22,800	16,800	13.00	11.00	800	561133
	CAPT3131*4A*+MBVC1200**-1A*		22,800	16,800	14.00	11.50	800	561133
	CHPF1824A6C*+EEP		23,000	16,900	13.00	11.00	800	470000
	CHPF2430B6C*	G*E80603B*B*	23,000	16,900	14.00	11.50	860	503907
	CHPF2430B6C*	G*VM960603BXB*	23,400	17,200	14.00	11.50	800	562095
	CHPF2430B6C*	A*VC950453BXB*	23,400	17,200	14.00	11.60	800	649754
	CHPF2430B6C*	GME950403BXA*	23,400	17,200	14.00	11.60	800	649754
	CHPF2430B6C*	A*VM960603BXB*	23,400	17,200	14.00	11.60	800	649754
	CHPF2430B6C*	G*VC950453BXB*	23,400	17,200	14.00	11.50	800	562094
	CHPF2430B6C*	A*EH800603B*A*	23,000	16,900	14.00	11.50	860	694486
	CHPF2430B6C*	AMEH960403BXA*	23,400	17,200	14.00	11.60	800	694487
	CHPF2430B6C*+EEP		23,000	16,900	13.00	11.00	800	470000
	CHPF2430B6C*+MBVC1200**-1A*		23,400	17,200	14.00	11.50	800	470001
	CSCF1824N6D*	A*VC950453BXB*	23,000	16,900	14.00	11.60	800	649754
	CSCF1824N6D*+EEP		23,000	16,900	13.00	11.00	800	649754

GSX13 0301B*	COILS/AIR HANDLERS  ACNF30XX16D*  ARPT30B14A*	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
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0301B*	ARPT30B14A*		27,600	20,800	13.00	11.00	890	4689680
			27,000	20,400	13.00	11.00	900	5383473
	ARUF30B14A*		27,000	20,400	13.00	11.00	900	538347
	ARUF30B14A*+TXV		27,000	20,400	13.00	11.00	900	5383474
	ARUF36C14B*		27,200	20,600	13.00	11.00	1,000	564717
	ARUF36C14B*+TXV		27,200	20,600	13.50	11.50	1,000	564717
	ASPT36C14A*		28,000	21,200	14.00	12.00	1,010	572253
	ASUF29B14A*		26,000	19,600	13.30	11.30	975	572273
	ASUF39C14A*		28,000	21,200	13.50	11.50	1,005	572253
	ASUF39C14A*+TXV		28,000	21,200	14.00	12.00	1,005	572253
	AVPTC36C14A*		28,000	21,200	14.00	12.00	1,015	592444
	AWUF30XX16B*		27,600	20,800	13.00	11.00	1,000	328781
	AWUF36XX16B*		27,800	21,000	13.00	11.00	1,000	328781
	AWUF37XX16B*		28,000	21,200	13.00	11.00	1,000	328781
	CA*F3030*6D*	GME950403BXA*	28,400	21,400	14.00	11.50	1,000	470104
	CA*F3030*6D*	GME950603BXA*	28,200	21,200	13.50	11.30	1,000	470349
	CA*F3030*6D*	A*VC950714CXB*	28,400	21,400	14.00	11.50	1,000	562095
	CA*F3030*6D*	G*VM960603BXB*	28,400	21,400	14.00	11.50	1,000	562096
	CA*F3030*6D*	G*VC950453BXB*	28,400	21,400	14.00	11.50	1,000	562095
	CA*F3030*6D*	G*VM960604CXB*	28,400	21,400	14.00	11.50	1,000	562096
	CA*F3030*6D*	G*VC950714CXB*	28,400	21,400	14.00	11.50	1,000	562096
	CA*F3030*6D*	A*VM960604CXB*	28,400	21,400	14.00	11.50	1,000	562096
	CA*F3030*6D*	A*VC950453BXB*	28,400	21,400	14.00	11.50	1,000	649754
	CA*F3030*6D*	A*VC80604B*B*	28,200	21,200	13.50	11.30	1,050	649754
	CA*F3030*6D*	A*VM960603BXB*	28,400	21,400	14.00	11.50	1,000	649755
	CA*F3030*6D*	ADVC80603B*B*	28,000	21,200	13.50	11.30	1,050	649755
	CA*F3030*6D*	A*VC950704CXB*	28,400	21,400	14.00	11.50	1,000	649755
	CA*F3030*6D*	G*VC950704CXB*	28,400	21,400	14.00	11.50	1,000	562095
	CA*F3030*6D*	G*VC80604B*B*	28,200	21,200	13.50	11.30	1,050	649755
	CA*F3030*6D*	AMEH960403BXA*	28,400	21,400	14.00	11.50	1,000	694487
	CA*F3030*6D*	AMEH960603BXA*	28,200	21,200	13.50	11.30	1,000	694487
	CA*F3030*6D*+EEP	711115000055701	28,400	21,400	13.00	11.00	1,050	435551
	CA*F3131*6D*	GME950403BXA*	28,600	21,600	14.00	11.50	1,000	470104
	CA*F3131*6D*	GME950603BXA*	28,400	21,400	13.50	11.30	1,000	470349
	CA*F3131*6D*	A*VM960604CXB*	28,600	21,600	14.00	11.50	1,050	562096
	CA*F3131*6D*	G*VM960603BXB*	28,600	21,600	14.00	11.50	1,000	562096
	CA*F3131*6D*	G*VM960604CXB*	28,600	21,600	14.00	11.50	1,050	562096
	CA*F3131*6D*	G*VC950714CXB*	28,600	21,600	14.00	11.50	1,050	562096
	CA*F3131*6D*	A*VC950714CXB*	28,600	21,600	14.00	11.50	1,050	562096
	CA*F3131*6D*	G*VC950704CXB*	28,400	21,400	14.00	11.50	900	562095
	CA*F3131*6D*	G*VC950453BXB*	28,400	21,400	14.00	11.50	1,000	562095
	CA*F3131*6D*	G*VC80604B*B*	28,200	21,200		11.50	1,050	649755
					13.50			
	CA*F3131*6D*	A*VC80604B*B*	28,200	21,200	13.50	11.50	1,050	649755
	CA*F3131*6D*	A*VC950704CXB*	28,400	21,400	14.00	11.50	900	649755
	CA*F3131*6D*	A*VM960603BXB*	28,600	21,600	14.00	11.50	1,000	649755
	CA*F3131*6D*	A*VC950453BXB*	28,600	21,600	14.00	11.50	1,000	649755
	CA*F3131*6D*	ADVC80603B*B*	28,000	21,200	13.50	11.50	1,050	649755
	CA*F3131*6D*	AMEH960403BXA*	28,600	21,600	14.00	11.50	1,000	694487
	CA*F3131*6D* CA*F3131*6D*+EEP	AMEH960603BXA*	28,400 28,600	21,400 21,600	13.50 13.00	11.30 11.00	1,000 1,050	694487 438555

OUTDOOR	INDOOR UNITS	<u> </u>		COOLING	RATINGS		CFM	AHRI#
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFIVI	AHKI#
GSX13	CA*F3131*6D*+MBVC1200**-1A*		28,400	21,400	14.00	11.50	950	438555
0301B*	CA*F3636*6D*+EEP		28,400	21,400	13.00	11.00	1,000	556191
	CA*F3636*6D*+EEP+TXV		28,400	21,400	13.00	11.00	1,000	556191
	CA*F3642*6D*+EEP		28,400	21,400	13.00	11.00	1,000	556191
	CA*F3642*6D*+EEP+TXV		28,400	21,400	13.00	11.00	1,000	556191
	CA*F3743*6D*+EEP		28,400	21,400	13.50	11.00	1,000	558198
	CA*F3743*6D*+EEP+TXV		28,400	21,400	13.50	11.00	1,000	558198
	CAPT3743*4A*	A*VC950905CXB*	28,200	21,200	14.00	12.00	985	649415
	CAPT3743*4A*	A*VM961005DXB*	28,200	21,200	14.00	12.00	980	649416
	CAPT3743*4A*	A*VC80805C*B*	28,200	21,200	14.00	12.00	980	649414
	CAPT3743*4A*	A*VC950704CXB*	28,200	21,200	13.50	11.50	1,020	649415
	CAPT3743*4A*	A*VC950905DXB*	28,200	21,200	14.00	12.00	985	649415
	CAPT3743*4A*	ADVC80805C*B*	28,000	21,200	14.00	12.00	990	649416
	CAPT3743*4A*	G*VC80805C*B*	28,200	21,200	14.00	12.00	980	649419
	CAPT3743*4A*	G*VC80604B*B*	28,200	21,200	14.00	12.00	1,000	649419
	CAPT3743*4A*	G*VM960604CXB*	28,200	21,200	13.50	11.50	1,040	649420
	CAPT3743*4A*	A*VC950453BXB*	28,200	21,200	13.50	11.50	1,000	649414
	CAPT3743*4A*	A*VC951155DXB*	28,200	21,200	14.00	12.00	1,005	649415
	CAPT3743*4A*	A*VM960603BXB*	28,200	21,200	13.50	11.50	1,010	649415
	CAPT3743*4A*	A*VM960604CXB*	28,200	21,200	13.50	11.50	1,040	649415
	CAPT3743*4A*	A*VM960805DXB*	28,200	21,200	14.00	12.00	1,000	649415
	CAPT3743*4A*	GME950603BXA*	28,200	21,200	13.50	11.50	1,000	649416
	CAPT3743*4A*	G*VC950453BXB*	28,200	21,200	13.50	11.50	1,000	649419
	CAPT3743*4A*	G*VC950915DXB*	28,200	21,200	14.00	12.00	1,005	649420
	CAPT3743*4A*	G*VM960603BXB*	28,200	21,200	13.50	11.50	1,010	649420
	CAPT3743*4A*	G*VC81005C*B*	28,200	21,200	14.00	12.00	1,000	649419
	CAPT3743*4A*	G*VC951155DXB*	28,200	21,200	14.00	12.00	1,005	649420
	CAPT3743*4A*	G*VM960805CXB*	28,200	21,200	14.00	12.00	985	649420
	CAPT3743*4A*	G*VM960805DXB*	28,200	21,200	14.00	12.00	1,000	649420
	CAPT3743*4A*	G*VM961155DXB*	28,200	21,200	14.00	12.00	1,000	649420
	CAPT3743*4A*	A*VC950714CXB*	28,200	21,200	13.50	11.50	1,050	649415
	CAPT3743*4A*	A*VM961155DXB*	28,200	21,200	14.00	12.00	1,000	649416
	CAPT3743*4A*	ADVC81005C*B*	28,000	21,200	14.00	12.00	1,010	649416
	CAPT3743*4A*	G*VC950704CXB*	28,200	21,200	13.50	11.50	1,020	649419
	CAPT3743*4A*	A*VC80604B*B*	28,200	21,200	14.00	12.00	1,000	649414
	CAPT3743*4A*	A*VM960805CXB*	28,200	21,200	14.00	12.00	985	649415
	CAPT3743*4A*	G*VM961005DXB*	28,200	21,200	14.00	12.00	980	649420
	CAPT3743*4A*	A*VC950915DXB*	28,200	21,200	14.00	12.00	1,005	649415
	CAPT3743*4A*	ADVC80603B*B*			13.50			649416
	CAPT3743*4A*	GME950403BXA*	28,000	21,200		11.50	1,000	
	CAPT3743*4A*		28,200	21,200	13.50	11.50	1,000	649416
		G*VC950714CXB*	28,200	21,200	13.50	11.50	1,050	649419
	CAPT3743*4A*	G*VC950905CXB*	28,200	21,200	14.00	12.00	985	649419
	CAPT3743*4A*	A*VC81005C*B*	28,200	21,200	14.00	12.00	1,000	649414
	CAPT3743*4A*	G*E80603B*B*	28,200	21,200	13.50	11.50	1,050	649416
	CAPT3743*4A*	G*VC950905DXB*	28,200	21,200	14.00	12.00	985	649419
	CAPT3743*4A*	A*EH800603B*A*	28,200	21,200	13.50	11.50	1,050	694487
	CAPT3743*4A*	AMEH960403BXA*	28,200	21,200	13.50	11.50	1,000	694487
	CAPT3743*4A*	AMEH960603BXA*	28,200	21,200	13.50	11.50	1,000	694488
	CAPT3743*4A*+EEP		28,200	21,200	13.00	11.00	1,000	561130
	CAPT3743*4A*+MBVC1200**-1A*		28,000	21,200	14.00	11.50	900	649416

OUTDOOR	Indoor Units	5	<u></u> _	COOLING	RATINGS		CENA	AUDI "
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CAPT3743*4A*+MBVC1600**-1A*		28,200	21,200	14.00	11.50	1,000	561130
0301B*	CHPF2430B6C*	GME950403BXA*	28,400	21,400	14.00	11.50	1,000	470110
	CHPF2430B6C*	G*VM960604CXB*	28,400	21,400	14.00	11.50	1,000	562097
	CHPF2430B6C*	A*VM960604CXB*	28,400	21,400	14.00	11.50	1,000	562097
	CHPF2430B6C*	G*VC950453BXB*	28,400	21,400	14.00	11.50	1,000	562095
	CHPF2430B6C*	G*VM960603BXB*	28,400	21,400	14.00	11.50	1,000	562096
	CHPF2430B6C*	A*VM960603BXB*	28,400	21,400	14.00	11.50	1,000	649756
	CHPF2430B6C*	A*VC950453BXB*	28,400	21,400	14.00	11.50	1,000	649756
	CHPF2430B6C*	AMEH960403BXA*	28,400	21,400	14.00	11.50	1,000	694488
	CHPF2430B6C*+EEP		28,400	21,400	13.00	11.00	1,050	329998
	CHPF2430B6C*+MBVC1200**-1A*		28,400	21,400	14.00	11.50	1,050	360943
	CSCF3036N6D*	G*VC950453BXB*	28,400	21,400	14.00	11.30	1,000	562095
	CSCF3036N6D*	A*VC950453BXB*	28,400	21,400	14.00	11.30	1,000	649756
	CSCF3036N6D*+EEP		28,400	21,400	13.00	11.00	1,000	476741
GSX13	ARPT36C14A*		33,000	25,800	13.00	11.00	1,150	569661
0361E*	ARPT42D14A*		34,200	26,600	13.50	11.30	1,150	569661
	ARUF36C14B*		33,000	25,800	13.00	11.00	1,000	569662
	ARUF36C14B*+TXV		34,000	26,400	13.00	11.00	1,165	569662
	ARUF42C14A*		34,200	26,600	13.00	11.00	1,150	569662
	ARUF42C14A*+TXV		34,200	26,600	13.00	11.00	1,150	569662
	ASPT36C14A*		34,000	26,400	13.80	11.80	1,210	572254
	ASPT42D14A*		34,600	27,000	14.00	12.00	1,280	572254
	ASUF39C14A*		34,000	26,400	13.50	11.50	1,210	572253
	ASUF39C14A*+TXV		34,000	26,400	13.80	11.80	1,210	572253
	AVPTC36C14A*		34,000	26,400	13.80	11.80	1,215	592444
	AVPTC42D14A*		34,600	27,000	14.00	12.00	1,225	592444
	AWUF36XX16B*		33,400	26,000	13.00	11.00	1,150	569662
	AWUF37XX16B*		33,600	26,200	13.00	11.00	1,150	569662
	CA*F3636*6D*	A*VC950915DXB*	33,600	26,200	13.50	11.30	1,220	569663
	CA*F3636*6D*	G*VM960604CXB*	33,600	26,200	13.50	11.30	1,155	569668
	CA*F3636*6D*	A*VC950714CXB*	33,600	26,200	13.50	11.30	1,135	569671
	CA*F3636*6D*	G*VM960805DXB*	33,600	26,200	13.50	11.30	1,220	569669
	CA*F3636*6D*	G*VM961005DXB*	33,600	26,200	13.50	11.30	1,205	569669
	CA*F3636*6D*	G*VM961155DXB*	33,600	26,200	13.50	11.30	1,205	569671
	CA*F3636*6D*	G*VC950714CXB*	33,600	26,200	13.50	11.30	1,135	569671
	CA*F3636*6D*	G*VC950905DXB*	33,600	26,200	13.50	11.30	1,150	569670
	CA*F3636*6D*	G*VM960805CXB*	33,600	26,200	13.50	11.30	1,150	569670
	CA*F3636*6D*	G*VC950915DXB*	33,600	26,200	13.50	11.30	1,130	
	CA*F3636*6D*	A*VM960604CXB*						569662
			33,600	26,200	13.50	11.30	1,155	569663
	CA*F3636*6D*	G*VC950905CXB*	33,600	26,200	13.50	11.30	1,150	569669
	CA*F3636*6D* CA*F3636*6D*+EEP	G*VC951155DXB*	33,600	26,200	13.50	11.30	1,205	569671
		C*\/C0F0714CVD*	33,600	26,200	13.00	11.00	1,200	569660
	CA*F3642*6D*	G*VC950714CXB*	34,000	26,400	14.00	11.50	1,160	569663
	CA*F3642*6D*	G*VM961005DXB*	34,000	26,400	14.00	11.50	1,205	569670
	CA*F3642*6D*	G*VM960805DXB*	34,000	26,400	14.00	11.50	1,225	569669
	CA*F3642*6D*	G*VC950905DXB*	34,000	26,400	14.00	11.50	1,165	569670
	CA*F3642*6D*	G*VM960805CXB*	34,000	26,400	14.00	11.50	1,165	569670
	CA*F3642*6D*	A*VC950915DXB*	34,000	26,400	14.00	11.50	1,225	569663
	CA*F3642*6D*	G*VC951155DXB*	34,000	26,400	14.00	11.50	1,210	569671
	CA*F3642*6D*	G*VC950915DXB*	34,000	26,400	14.00	11.50	1,225	569662

OUTDOOR	Indoor Units	<u> </u>		COOLING	RATINGS		CENA	ALIDI #
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CA*F3642*6D*	G*VC950905CXB*	34,000	26,400	14.00	11.50	1,165	5696692
0361E*	CA*F3642*6D*	A*VC950714CXB*	34,000	26,400	14.00	11.50	1,160	5696639
	CA*F3642*6D*	G*VM960604CXB*	34,000	26,400	14.00	11.50	1,165	5696688
	CA*F3642*6D*	G*VM961155DXB*	34,000	26,400	14.00	11.50	1,210	5696720
	CA*F3642*6D*	A*VM960604CXB*	34,000	26,400	14.00	11.50	1,165	569663
	CA*F3642*6D*+EEP		33,600	26,200	13.00	11.00	1,200	5696609
	CA*F3642*6D*+MBVC1600**-1A*		34,000	26,400	14.00	11.50	1,200	569664
	CA*F3743*6D*	G*VC950915DXB*	34,000	26,400	14.00	11.50	1,225	569663
	CA*F3743*6D*	G*VC950714CXB*	34,000	26,400	14.00	11.50	1,165	569671
	CA*F3743*6D*	G*VC950905DXB*	34,000	26,400	14.00	11.50	1,090	569670
	CA*F3743*6D*	A*VC950714CXB*	34,000	26,400	14.00	11.50	1,165	569671
	CA*F3743*6D*	G*VC951155DXB*	34,000	26,400	14.00	11.50	1,210	569671
	CA*F3743*6D*	G*VM961155DXB*	34,000	26,400	14.00	11.50	1,210	569672
	CA*F3743*6D*	A*VM960604CXB*	34,000	26,400	14.00	11.50	1,170	569663
	CA*F3743*6D*	G*VC950905CXB*	34,000	26,400	14.00	11.50	1,185	569669
	CA*F3743*6D*	G*VM960604CXB*	34,000	26,400	14.00	11.50	1,170 1,225	569668
	CA*F3743*6D*	G*VM960805DXB*	34,000	26,400	14.00	11.50		569669
	CA*F3743*6D*	G*VM960805CXB*	34,000	26,400	14.00	11.50	1,185	569670
	CA*F3743*6D*	A*VC950915DXB*	34,000	26,400	14.00	11.50	1,225	569663
	CA*F3743*6D*	G*VM961005DXB*	34,000	26,400	14.00	11.50	1,210	569670
	CA*F3743*6D*+EEP		34,200	26,600	13.00	11.00	1,200	569661
	CA*F3743*6D*+EEP+TXV		34,200	26,600	13.50	11.00	1,200	569661
	CA*F3743*6D*+MBVC1600**-1A*		34,000	26,400	14.00	11.50	1,210	569664
	CAPT3743*4A*	A*VC81005C*B*	34,000	26,400	13.50	11.50	1,210	649422
	CAPT3743*4A*	A*VC950704CXB*	34,000	26,400	13.00	11.00	1,220	649422
	CAPT3743*4A*	A*VM961155DXB*	34,000	26,400	13.50	11.50	1,200	649423
	CAPT3743*4A*	G*E80805C*B*	34,000	26,400	13.50	11.50	1,210	649424
	CAPT3743*4A*	A*VC80604B*B*	34,000	26,400	13.50	11.50	1,220	649422
	CAPT3743*4A*	ADVC80603B*B*	34,000	26,400	13.50	11.50	1,165	649424
	CAPT3743*4A*	G*VC81005C*B*	34,000	26,400	13.50	11.50	1,210	649427
	CAPT3743*4A*	G*VC950905DXB*	34,000	26,400	13.50	11.50	1,170	649428
	CAPT3743*4A*	G*VM960603BXB*	34,000	26,400	13.00	11.00	1,220	649428
	CAPT3743*4A*	G*VM960604CXB*	34,000	26,400	13.50	11.50	1,250	649428
	CAPT3743*4A*	G*VM960805CXB*	34,000	26,400	13.50	11.50	1,175	649428
	CAPT3743*4A*	G*VM961005DXB*	34,000	26,400	13.50	11.50	1,170	649429
	CAPT3743*4A*	ADVC81005C*B*	34,000	26,400	13.50	11.50	1,235	649424
	CAPT3743*4A*	G*E80603B*B*	34,000	26,400	13.00	11.00	1,150	649424
	CAPT3743*4A*	G*E81005C*B*	34,000	26,400	13.50	11.50	1,230	649424
	CAPT3743*4A*	GME950603BXA*	33,400	26,000	13.00	11.00	1,100	649424
	CAPT3743*4A*	G*VC950704CXB*	34,000	26,400	13.00	11.00	1,220	649428
	CAPT3743*4A*	A*VM960603BXB*	34,000	26,400	13.00	11.00	1,220	649423
	CAPT3743*4A*	A*VM960604CXB*	34,000	26,400		11.50	1,250	649423
		A*VM960805CXB*			13.50			
	CAPT3743*4A*		34,000	26,400	13.50	11.50	1,175	649423
	CAPT3743*4A*	ADVC80805C*B*	34,000	26,400	13.50	11.50	1,190	649424
	CAPT3743*4A*	GME950403BXA*	34,000	26,400	13.00	11.00	1,150	649424
	CAPT3743*4A*	A*VC80805C*B*	34,000	26,400	13.50	11.50	1,190	649422
	CAPT3743*4A*	A*VC950714CXB*	34,000	26,400	13.50	11.50	1,250	649422
	CAPT3743*4A*	A*VC950905DXB*	34,000	26,400	13.50	11.50	1,170	649423
	CAPT3743*4A*	A*VM960805DXB*	34,000	26,400	13.50	11.50	1,175	649423
	CAPT3743*4A*	G*VC950905CXB*	34,000	26,400	13.50	11.50	1,170	649

OUTDOOR	INDOOR UNITS	;		COOLING	RATINGS		CENA	ALIDI #
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CAPT3743*4A*	A*VM961005DXB*	34,000	26,400	13.50	11.50	1,170	6494238
0361E*	CAPT3743*4A*	GME950805CXA*	33,400	26,000	13.50	11.50	1,090	6494248
	CAPT3743*4A*	G*VM960805DXB*	34,000	26,400	13.50	11.50	1,175	6494289
	CAPT3743*4A*	A*VC950905CXB*	34,000	26,400	13.50	11.50	1,170	6494230
	CAPT3743*4A*	A*VC950915DXB*	34,000	26,400	13.50	11.50	1,210	6494232
	CAPT3743*4A*	G*VC80604B*B*	34,000	26,400	13.50	11.50	1,220	6494277
	CAPT3743*4A*	G*VC950714CXB*	34,000	26,400	13.50	11.50	1,250	6494281
	CAPT3743*4A*	G*VC950915DXB*	34,000	26,400	13.50	11.50	1,210	6494284
	CAPT3743*4A*	G*VC951155DXB*	34,000	26,400	13.50	11.50	1,200	6494285
	CAPT3743*4A*	A*VC951155DXB*	34,000	26,400	13.50	11.50	1,200	6494233
	CAPT3743*4A*	GME951005DXA*	34,000	26,400	13.50	11.50	1,250	6494249
	CAPT3743*4A*	G*VC80805C*B*	34,000	26,400	13.50	11.50	1,190	6494278
	CAPT3743*4A*	G*VM961155DXB*	34,000	26,400	13.50	11.50	1,200	6494291
	CAPT3743*4A*	A*EH800603B*A*	34,000	26,400	13.00	11.00	1,150	6944884
	CAPT3743*4A*	A*EH800805C*A*	34,000	26,400	13.50	11.50	1,210	6944886
	CAPT3743*4A*	A*EH801005C*A*	34,000	26,400	13.50	11.50	1,230	6944888
	CAPT3743*4A*	AMEH960403BXA*	34,000	26,400	13.00	11.00	1,150	6944890
	CAPT3743*4A*	AMEH960603BXA*	33,400	26,000	13.00	11.00	1,100	6944892
	CAPT3743*4A*	AMEH960805CXA*	33,400	26,000	13.50	11.50	1,090	6944894
	CAPT3743*4A*	AMEH961005DXA*	34,000	26,400	13.50	11.50	1,250	6944896
	CAPT3743*4A*+EEP	7.11.2.1302003270.1	34,000	26,400	13.00	11.00	1,200	5696612
	CAPT3743*4A*+MBVC1200**-1A*		34,000	26,400	13.00	11.50	1,200	6494250
	CAPT3743*4A*+MBVC1600**-1A*		34,000	26,400	14.00	11.50	1,205	5696642
	CAPT3743*4A*+MBVC2000**-1A*		34,000	26,400	14.00	11.50	1,205	5696644
	CHPF3636B6C*+EEP		34,000	26,400	13.00	11.00	1,200	5696613
	CHPF3642C6C*+EEP		34,000	26,400	13.00	11.00	1,200	5696614
	CHPF3642C6C*+MBVC1600**-1A*		34,000	26,400	14.00	11.50	1,210	5696643
	CHPF3642D6C*	G*VC950905CXB*	33,600	26,200	14.00	11.50	1,170	5696694
	CHPF3642D6C*	G*VM961155DXB*	33,600	26,200	14.00	11.50	1,210	5696722
	CHPF3642D6C*	G*VM960604CXB*	33,600	26,200	14.00	11.50	1,170	5696690
	CHPF3642D6C*	G*VC951155DXB*	33,600	26,200	14.00	11.50	1,210	5696718
	CHPF3642D6C*	A*VM960604CXB*	33,600	26,200	14.00	11.50	1,170	5696637
	CHPF3642D6C*	G*VM960805DXB*	33,600	26,200	14.00	11.50	1,225	5696698
	CHPF3642D6C*	G*VC950905DXB*	33,600	26,200	14.00	11.50	1,105	5696706
	CHPF3642D6C*	G*VM960805CXB* G*VM961005DXB*	33,600	26,200	14.00	11.50	1,170	5696710
	CHPF3642D6C* CHPF3642D6C*+EEP	G. AMBRIODENE.	33,600 34,000	26,200 26,400	14.00 13.00	11.50	1,210	5696702
			<u> </u>	-		11.00	1,200	5696615
GSX13 0421B*	ARPT42D14A*		40,000	30,600	13.00	11.00	1,280	5360115
04216	ARPT48D14A*		40,500	31,000	13.50	11.50	1,280	5378541
	ARUF42C14A*		39,500	30,200	13.00	11.00	1,280	5360116
	ARUF42C14A*+TXV		39,500	30,200	13.00	11.00	1,280	5378539
	ARUF48D14A*		39,500	30,200	13.00	11.00	1,350	5378540
	ASPT42D14A*		40,500	31,000	14.00	12.00	1,385	5722552
	ASUF39C14A*		38,500	29,600	13.50	11.50	1,435	5722550
	ASUF39C14A*+TXV		38,500	29,600	13.80	11.80	1,435	572255
	ASUF49C14A*		39,500	30,200	13.50	11.50	1,310	562042
	ASUF49C14A*+TXV		39,500	30,200	13.80	11.70	1,310	5620404
	AVPTC42D14A*		40,500	31,000	14.00	12.00	1,495	5924343
	CA*F3642*6D*	G*E80805C*B*	40,000	30,600	13.00	11.30	1,350	503897
	CA*F3642*6D*	A*EH800805C*A*	40,000	30,600	13.00	11.30	1,350	694489

OUTDOOR	INDOOR UNIT	<u> </u>		COOLING	RATINGS		CENA	ALIDI #
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CA*F3642*6D*+EEP		40,000	30,600	13.00	11.00	1,400	4946292
0421B*	CA*F3642*6D*+EEP+TXV		40,000	30,600	13.00	11.00	1,400	5561917
	CA*F3743*6D*	G*E80805C*B*	40,000	30,600	13.00	11.30	1,350	5039232
	CA*F3743*6D*	A*EH800805C*A*	40,000	30,600	13.00	11.30	1,350	6944900
	CA*F3743*6D*+EEP		40,000	30,600	13.00	11.00	1,400	4415025
	CA*F4860*6D*	GME950805CXA*	40,500	31,000	14.00	11.30	1,400	4703730
	CA*F4860*6D*	G*E80805C*B*	41,000	31,400	13.50	11.50	1,510	5039124
	CA*F4860*6D*	A*VM960604CXB*	41,000	31,400	14.00	11.50	1,400	5621035
	CA*F4860*6D*	G*VM961155DXB*	41,000	31,400	14.00	11.50	1,400	5621049
	CA*F4860*6D*	A*VC950915DXB*	41,000	31,400	14.00	11.50	1,400	5621030
	CA*F4860*6D*	G*VM960604CXB*	41,000	31,400	14.00	11.50	1,400	5621036
	CA*F4860*6D*	G*VC950714CXB*	41,000	31,400	14.00	11.50	1,400	5621022
	CA*F4860*6D*	G*VC950905DXB*	41,000	31,400	14.00	11.50	1,400	5621027
	CA*F4860*6D*	G*VM960805DXB*	41,000	31,400	14.00	11.50	1,400	5621044
	CA*F4860*6D*	G*VM960805CXB*	41,000	31,400	14.00	11.50	1,400	5621043
	CA*F4860*6D*	G*VM961005DXB*	41,000	31,400	14.00	11.50	1,400 1,400	562104 <sup>-</sup>
	CA*F4860*6D*	A*VM960805DXB*	41,000	31,400	14.00	11.50	1,400	6497567
	CA*F4860*6D*	A*VM961005DXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	A*VM961155DXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	A*VC951155DXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	A*VC950905DXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	A*VM960805CXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	GME951005DXA*	40,500	31,000	13.50	11.00	1,440	470353
	CA*F4860*6D*	A*VC950714CXB*	41,000	31,400	14.00	11.50	1,400	562102
	CA*F4860*6D*	G*VC950905CXB*	41,000	31,400	14.00	11.50	1,400	562102
	CA*F4860*6D*	G*VC950915DXB*	41,000	31,400	14.00	11.50	1,400	562103
	CA*F4860*6D*	G*VC951155DXB*	41,000	31,400	14.00	11.50	1,400	562103
	CA*F4860*6D*	A*VC950905CXB*	41,000	31,400	14.00	11.50	1,400	649756
	CA*F4860*6D*	A*EH800805C*A*	41,000	31,400	13.50	11.50	1,510	694490
	CA*F4860*6D*	AMEH960805CXA*	40,500	31,000	14.00	11.30	1,400	694490
	CA*F4860*6D*	AMEH961005DXA*	40,500	31,000	13.50	11.00		694490
	CA*F4860*6D*+EEP	AMENSOLOUSDAA					1,440	
	CA*F4860*6D*+EEP		41,000	31,400 31,400	13.00	11.00	1,400	388026
			41,000	· '	14.00	11.50	1,400	388031
	CA*F4961*6D*+EEP		41,000	31,400	13.00	11.00	1,400	488767
	CAPT4961*4A*+EEP		40,500	31,000	13.00	11.00	1,400	561131
	CAPT4961*4A*+MBVC1600**-1A*		41,000	31,400	14.00	11.50	1,375	561131
	CAPT4961*4A*+MBVC2000**-1A*	04500050404	41,000	31,400	14.00	11.50	1,400	561131
	CHPF3642C6C*	G*E80805C*B*	40,000	30,600	13.00	11.30	1,350	503902
	CHPF3642C6C*	A*EH800805C*A*	40,000	30,600	13.00	11.30	1,350	694490
	CHPF3642C6C*+EEP		40,000	30,600	13.00	11.00	1,400	353987
	CHPF3642D6C*	G*VC91155DXA*	40,000	30,600	13.50	11.30	1,400	359792
	CHPF3642D6C*	G*VM960805CXB*	40,000	30,600	13.50	11.30	1,400	562104
	CHPF3642D6C*	G*VC950905DXB*	40,000	30,600	13.50	11.30	1,400	562102
	CHPF3642D6C*	A*VM960604CXB*	40,000	30,600	13.50	11.30	1,400	562103
	CHPF3642D6C*	G*VM960604CXB*	40,000	30,600	13.50	11.30	1,400	562103
	CHPF3642D6C*	G*VM960805DXB*	40,000	30,600	13.50	11.30	1,400	562104
	CHPF3642D6C*	A*VM960805DXB*	40,000	30,600	13.50	11.30	1,400	649757
	CHPF3642D6C*	A*VC950905CXB*	40,000	30,600	13.50	11.30	1,400	649757
	CHPF3642D6C*	A*VM960805CXB*	40,000	30,600	13.50	11.30	1,400	649757
	CHPF3642D6C*	A*VC950905DXB*	40,000	30,600	13.50	11.30	1,400	649757

OUTDOOR	Indoor Units	· ·		COOLING	RATINGS		CENA	ALIDI #
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFIVI	AHRI#
GSX13	CHPF3642D6C*	G*VC950905CXB*	40,000	30,600	13.50	11.30	1,400	5621024
0421B*	CHPF3642D6C*+EEP		40,000	30,600	13.00	11.00	1,400	3539877
	CHPF3743C6B*+EEP		40,000	30,600	13.00	11.00	1,400	6497574
	CHPF4860D6D*	G*E80805C*B*	41,000	31,400	13.50	11.50	1,510	5038972
	CHPF4860D6D*	GME951005DXA*	40,500	31,000	13.50	11.00	1,400 1,400 1,510 1,440 1,400 1,510 1,400 1,400 1,510 1,400 1,510 1,400 1,550 1,600 1,600 1,600 1,600 1,600 1,600 1,600 1,600 1,600 1,550 1,620	4703542
	CHPF4860D6D*	G*VM960805CXB*	41,000	31,400	14.00	11.50		5621043
	CHPF4860D6D*	G*VM960604CXB*	41,000	31,400	14.00	11.50		5621040
	CHPF4860D6D*	G*VM961155DXB*	41,000	31,400	14.00	11.50		5621050
	CHPF4860D6D*	G*VC950905CXB*	41,000	31,400	14.00	11.50	1,400	5621025
	CHPF4860D6D*	G*VC950905DXB*	41,000	31,400	14.00	11.50	1,400	5621029
	CHPF4860D6D*	G*VM960805DXB*	41,000	31,400	14.00	11.50	1,400	5621046
	CHPF4860D6D*	G*VM961005DXB*	41,000	31,400	14.00	11.50	1,400	5621048
	CHPF4860D6D*	A*VM960805DXB*	41,000	31,400	14.00	11.50	1,400	6497579
	CHPF4860D6D*	A*VM961005DXB*	41,000	31,400	14.00	11.50	1,400	6497580
	CHPF4860D6D*	A*VC950905CXB*	41,000	31,400	14.00	11.50	1,400	6497575
	CHPF4860D6D*	A*VC951155DXB*	41,000	31,400	14.00	11.50	1,400	6497577
	CHPF4860D6D*	A*VM960805CXB*	41,000	31,400	14.00	11.50	1,400	6497578
	CHPF4860D6D*	A*VC950905DXB*	41,000	31,400	14.00	11.50	1,400	6497576
	CHPF4860D6D*	A*VM961155DXB*	41,000	31,400	14.00	11.50	1,400	6497581
	CHPF4860D6D*	GME950805CXA*	40,500	31,000	14.00	11.30		4703732
	CHPF4860D6D*	G*VC951155DXB*	41,000	31,400	14.00	11.50		5621033
	CHPF4860D6D*	A*VM960604CXB*	41,000	31,400	14.00	11.50		5621039
	CHPF4860D6D*	A*EH800805C*A*	41,000	31,400	13.50	11.50		6944910
	CHPF4860D6D*	AMEH960805CXA*	40,500	31,000	14.00	11.30		6944912
	CHPF4860D6D*	AMEH961005DXA*	40,500	31,000	13.50	11.00		6944914
	CHPF4860D6D*+EEP		41,000	31,400	13.00	11.00	1,400	3539879
	CHPF4860D6D*+MBVC1600**-1A*		41,000	31,400	14.00	11.50		3609448
	CSCF3642N6D*+EEP		40,000	30,600	13.00	11.00		4767422
	CSCF4860N6D*	G*VC951155DXB*	41,000	31,400	13.50	11.30		5621034
	CSCF4860N6D*	G*VC950905CXB*	41,000	31,400	13.50	11.30	•	5621026
	CSCF4860N6D*	A*VC951155DXB*	41,000	31,400	13.50	11.30		6497582
	CSCF4860N6D*+EEP		41,000	31,400	13.00	11.00		4767426
GSX13	ARPT48D14A*		46,000	35,200	13.50	11.00	•	5360117
0481B*	ARPT60D14A*		46,000	35,200	13.50	11.00	·	5360117
	ARUF48D14A*		44,500	34,200	13.00	11.00	i	5360119
	ARUF48D14A*+TXV		44,500	34,200	13.00	11.00		5378542
	ARUF60D14A*		44,500	34,200	13.00	11.00		5360120
	ARUF60D14A*+TXV		44,500	34,200	13.00	11.00	i	5378543
	ASPT48D14A*		46,000	35,200	13.80	11.30		5796511
	ASPT60D14A*		46,000	35,200	13.80	11.30		5722556
	ASUF49C14A*		43,000	33,000	13.00	11.00		5620405
	ASUF49C14A*+TXV		43,000	33,000	13.30	11.00		5620406
	AVPTC48D14A*		46,000	35,200				5924446
					13.80	11.30		
	CA*F4860*6D*+EEP		46,000	35,200	13.00	11.00		4214133
	CA*F4860*6D*+MBVC2000**-1A*	A * V CO F C 7.4 4 C V D *	46,000	35,200	14.00	11.30		3880321
	CA*F4860*6D*+TXV	A*VC950714CXB*	46,000	35,200	14.00	11.30		5621051
	CA*F4860*6D*+TXV	A*VC950905CXB*	46,000	35,200	14.00	11.30		6497583
	CA*F4860*6D*+TXV	A*VC950905DXB*	46,000	35,200	14.00	11.30	1,620	6497584
	CA*F4860*6D*+TXV	A*VC950915DXB*	46,000	35,200	14.00	11.30	1,620	5621059
	CA*F4860*6D*+TXV	A*VC951155DXB*	46,000	35,200	14.00	11.30	1,620	649758

OUTDOOR	INDOOR UNITS	<u> </u>		COOLING	RATINGS		CEN4	ALIDI "
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI #
GSX13	CA*F4860*6D*+TXV	A*VM960604CXB*	46,000	35,200	14.00	11.30	1,550	5621064
0481B*	CA*F4860*6D*+TXV	A*VM960805CXB*	46,000	35,200	14.00	11.30	1,620	6497586
	CA*F4860*6D*+TXV	A*VM960805DXB*	46,000	35,200	14.00	11.30	1,620	6497587
	CA*F4860*6D*+TXV	A*VM961005DXB*	46,000	35,200	14.00	11.30	1,620	6497588
	CA*F4860*6D*+TXV	A*VM961155DXB*	46,000	35,200	14.00	11.30	1,620	6497589
	CA*F4860*6D*+TXV	G*E80805C*B*	46,000	35,200	13.50	11.30	1,650	5039233
	CA*F4860*6D*+TXV	G*E81005C*B*	46,000	35,200	13.50	11.30	1,570	5039261
	CA*F4860*6D*+TXV	G*VC950714CXB*	46,000	35,200	14.00	11.30	1,620	5621052
	CA*F4860*6D*+TXV	G*VC950905CXB*	46,000	35,200	14.00	11.30	1,620	5621053
	CA*F4860*6D*+TXV	G*VC950905DXB*	46,000	35,200	14.00	11.30	1,620	5621056
	CA*F4860*6D*+TXV	G*VC950915DXB*	46,000	35,200	14.00	11.30	1,620	5621060
	CA*F4860*6D*+TXV	G*VC951155DXB*	46,000	35,200	14.00	11.30	1,620	5621063
	CA*F4860*6D*+TXV	G*VM960604CXB*	46,000	35,200	14.00	11.30	1,620	562106
	CA*F4860*6D*+TXV	G*VM960805CXB*	46,000	35,200	14.00	11.30	1,620	5621068
	CA*F4860*6D*+TXV	G*VM960805DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CA*F4860*6D*+TXV	G*VM961005DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CA*F4860*6D*+TXV	G*VM961155DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CA*F4860*6D*+TXV	GME950805CXA*	45,500	34,800	14.00	11.30	1,550	470351
	CA*F4860*6D*+TXV	GME951005DXA*	45,500	34,800	13.70	11.30	1,650	470354
	CA*F4860*6D*+TXV	A*EH800805C*A*	46,000	35,200	13.50	11.30	1,650	694491
	CA*F4860*6D*+TXV	A*EH801005C*A*	46,000	35,200	13.50	11.30	1,570	694491
	CA*F4860*6D*+TXV	AMEH960805CXA*	45,500	34,800	14.00	11.30	1,550	694492
	CA*F4860*6D*+TXV	AMEH961005DXA*	45,500	34,800	13.70	11.30	1,650	694492
	CA*F4961*6D*+EEP		46,000	35,200	13.00	11.00	1,600	568509
	CAPT4961*4A*+EEP		46,500	35,600	13.00	11.00	1,600	561131
	CAPT4961*4A*+MBVC1600**-1A*		47,000	36,000	14.00	11.50	1,500	561131
	CAPT4961*4A*+MBVC2000**-1A*		47,000	36,000	14.00	11.50	1,550	561131
	CHPF4860D6D*+EEP		46,000	35,200	13.00	11.00	1,600	353986
	CHPF4860D6D*+MBVC2000**-1A*		46,000	35,200	14.00	11.30	1,600	360945
	CHPF4860D6D*+TXV	A*VC950905CXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VC950905DXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VC951155DXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VM960604CXB*	46,000	35,200	14.00	11.30	1,550	562106
	CHPF4860D6D*+TXV	A*VM960805CXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VM960805DXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VM961005DXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	A*VM961155DXB*	46,000	35,200	14.00	11.30	1,620	649759
	CHPF4860D6D*+TXV	G*E80805C*B*	46,000	35,200	13.50	11.30	1,650	503911
	CHPF4860D6D*+TXV	G*E81005C*B*	46,000	35,200	13.50	11.30	1,570	503891
	CHPF4860D6D*+TXV	G*VC950905CXB*	46,000	35,200	14.00	11.30	1,620	562105
	CHPF4860D6D*+TXV	G*VC950905DXB*	46,000	35,200	14.00	11.30	1,620	562105
	CHPF4860D6D*+TXV	G*VC951155DXB*	46,000	35,200	14.00	11.30	1,620	562106
	CHPF4860D6D*+TXV	G*VM960604CXB*	46,000	35,200	14.00	11.30	1,620	562106
	CHPF4860D6D*+TXV	G*VM960805CXB*	46,000	35,200	14.00	11.30	1,620	562106
	CHPF4860D6D*+TXV	G*VM960805DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CHPF4860D6D*+TXV	G*VM961005DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CHPF4860D6D*+TXV	G*VM961155DXB*	46,000	35,200	14.00	11.30	1,620	562107
	CHPF4860D6D*+TXV	GME950805CXA*	45,500	34,800	14.00	11.30	1,550	470351
	CHPF4860D6D*+TXV	GME951005DXA*	45,500	34,800	13.70	11.30	1,650	470355
	CHPF4860D6D*+TXV	A*EH800805C*A*	46,000	35,200	13.50	11.30	1,650	694492

See Notes on Page 38.

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OUTDOOR	INDOOR UNITS			COOLING	RATINGS		c	
UNIT	COILS/AIR HANDLERS	Furnaces	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
	CHPF4860D6D*+TXV	A*EH801005C*A*	46,000	35,200	13.50	11.30	1,570	6944925
	CHPF4860D6D*+TXV	AMEH960805CXA*	45,500	34,800	14.00	11.30	1,550	6944927
	CHPF4860D6D*+TXV	AMEH961005DXA*	45,500	34,800	13.70	11.30	1,650	6944928
	CSCF4860N6D*+EEP		46,000	35,200	13.00	11.00	1,600	4767427
GSX13	CSCF4860N6D*+TXV	A*VC950905CXB*	46,000	35,200	14.00	11.30	1,575	6497597
0481B*	CSCF4860N6D*+TXV	A*VC950905DXB*	46,000	35,200	14.00	11.30	1,575	6497598
	CSCF4860N6D*+TXV	A*VC951155DXB*	46,000	35,200	14.00	11.30	1,550	6497599
	CSCF4860N6D*+TXV	G*VC950905CXB*	46,000	35,200	14.00	11.30	1,575	5621055
	CSCF4860N6D*+TXV	G*VC950905DXB*	46,000	35,200	14.00	11.30	1,575	5621058
	CSCF4860N6D*+TXV	G*VC951155DXB*	46,000	35,200	14.00	11.30	1,550	5621063
GSX13	ASPT60D14A*		56,000	40,000	13.00	11.00	1,700	6349241
0601B*	ASUF59D14A*		54,000	38,500	13.00	11.00	1,580	5600192
	AVPTC60D14A*		56,000	40,000	13.00	11.00	1,750	6349242
	CA*F4961*6D*+EEP		55,500	39,500	13.00	11.00	1,650	4945868
	CA*F4961*6D*+MBVC2000**-1A*		56,000	40,000	13.50	11.50	1,650	4431670
	CA*F4961*6D*+MBVC2000**-1A*+TXV		56,000	40,000	13.50	11.50	1,750	4431671
	CA*F4961*6D*+TXV	G*E81005C*B*	55,000	39,000	13.30	11.20	1,720	5038893
	CA*F4961*6D*+TXV	G*VC81005C*B*	55,500	39,500	13.30	11.20	1,700	5038945
	CA*F4961*6D*+TXV	G*E80805C*B*	54,500	38,500	13.30	11.20	1,650	5038979
	CA*F4961*6D*+TXV	G*VC80805C*B*	55,500	39,500	13.30	11.20	1,700	5039111
	CA*F4961*6D*+TXV	A*VC81005C*B*	55,500	39,500	13.30	11.20	1,800	5039112
	CA*F4961*6D*+TXV	A*VC80805C*B*	55,500	39,500	13.30	11.20	1,800	5039235
	CA*F4961*6D*+TXV	G*VC950714CXB*	55,000	39,000	13.00	11.00	1,700	5621077
	CA*F4961*6D*+TXV	G*VC950915DXB*	55,000	39,000	13.00	11.00	1,700	5621087
	CA*F4961*6D*+TXV	G*VM960805DXB*	55,000	39,000	13.00	11.00	1,700	5621098
	CA*F4961*6D*+TXV	A*VC950714CXB*	55,000	39,000	13.00	11.00	1,700	5621076
	CA*F4961*6D*+TXV	G*VC950905CXB*	55,000	39,000	13.00	11.00	1,700	5621080
	CA*F4961*6D*+TXV	G*VM961155DXB*	54,500	38,500	13.40	11.20	1,620	5621104
	CA*F4961*6D*+TXV	G*VC951155DXB*	54,500	38,500	13.40	11.20	1,620	5621090
	CA*F4961*6D*+TXV	G*VM961005DXB*	54,500	38,500	13.40	11.20	1,620	5621101
	CA*F4961*6D*+TXV	A*VC950915DXB*	55,000	39,000	13.00	11.00	1,700	5621086
	CA*F4961*6D*+TXV	A*VC950905DXB*	56,500	40,000	13.00	11.00	1,700	6497601
	CA*F4961*6D*+TXV	A*VM960805CXB*	56,500	40,000	13.00	11.00	1,700	6497603
	CA*F4961*6D*+TXV	A*VM961155DXB*	56,000	40,000	13.40	11.20	1,620	6497605
	CA*F4961*6D*+TXV	A*VC950905CXB*	56,500	40,000	13.00	11.00	1,700	6497600
	CA*F4961*6D*+TXV	A*VM961005DXB*	56,000	40,000	13.40	11.20	1,620	6497604
	CA*F4961*6D*+TXV	A*VC951155DXB*	56,000	40,000	13.40	11.20	1,620	6497602
	CA*F4961*6D*+TXV	G*VC950905DXB*	55,000	39,000	13.00	11.00	1,700	5621083
	CA*F4961*6D*+TXV	G*VM960805CXB*	55,000	39,000	13.00	11.00	1,700	5621095
	CA*F4961*6D*+TXV	A*EH800805C*A*	54,500	38,500	13.30	11.20	1,650	6944930
	CA*F4961*6D*+TXV	A*EH801005C*A*	55,000	39,000	13.30	11.20	1,720	6944932
	CAPT4961*4A*	G*E80805C*B*	54,500	38,500	13.00	11.00	1,675	5520636
	CAPT4961*4A*	G*E81005C*B*	55,000	39,000	13.00	11.00	1,625	5520637
	CAPT4961*4A*	A*VC80805C*B*	55,500	39,500	13.00	11.00	1,625	5520629
	CAPT4901 4A*	ADVC81005C*B*	55,500	39,500	13.00	11.00	1,625	5520635
	CAPT4901 4A*	A*VC81005C*B*	55,500	39,500	13.00	11.00	1,625	5520630
	CAPT4961 4A*	G*VC81005C*B*	55,500	39,500	13.00	11.00	1,625	5520639
	CAPT4961 4A*	ADVC80805C*B*	55,500	39,500	13.00	11.00	1,625	5520634
	CAPT4961*4A*	G*VC950714CXB*					1,600	
	CAF14301 4A	Q VC330/14CVB	55,000	39,000	13.00	11.00	1,000	5621079

OUTDOOR	INDOOR UNITS			COOLING	RATINGS			
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CAPT4961*4A*	A*VC950915DXB*	55,000	39,000	13.00	11.00	1,660	5621088
0601B*	CAPT4961*4A*	G*VM961005DXB*	54,500	38,500	13.00	11.00	1,625	5621102
	CAPT4961*4A*	G*VC950905CXB*	55,000	39,000	13.00	11.00	1,625	5621081
	CAPT4961*4A*	G*VM961155DXB*	54,500	38,500	13.00	11.00	1,625	5621105
	CAPT4961*4A*	G*VC950905DXB*	55,000	39,000	13.00	11.00	1,625	5621084
	CAPT4961*4A*	A*VC950714CXB*	55,000	39,000	13.00	11.00	1,600	5621078
	CAPT4961*4A*	G*VC950915DXB*	55,000	39,000	13.00	11.00	1,660	5621089
	CAPT4961*4A*	G*VC951155DXB*	54,500	38,500	13.00	11.00	1,625	5621091
	CAPT4961*4A*	G*VM960805DXB*	55,000	39,000	13.00	11.00	1,600	5621099
	CAPT4961*4A*	A*VC951155DXB*	56,000	40,000	13.00	11.00	1,625	6497608
	CAPT4961*4A*	A*VM961005DXB*	56,000	40,000	13.00	11.00	1,625	6497610
	CAPT4961*4A*	A*VM961155DXB*	56,000	40,000	13.00	11.00	1,625	6497611
	CAPT4961*4A*	A*VC950905CXB*	56,500	40,000	13.00	11.00	1,625	6497606
	CAPT4961*4A*	G*VC80805C*B*	55,500	39,500	13.00	11.00	1,625	5520638
	CAPT4961*4A*	A*VM960604CXB*	55,000	39,000	13.00	11.00	1,600	5621093
	CAPT4961*4A*	G*VM960604CXB*	55,000	39,000	13.00	11.00	1,600	5621094
	CAPT4961*4A*	A*VC950905DXB*	56,500	40,000	13.00	11.00	1,625	6497607
	CAPT4961*4A*	A*VM960805CXB*	56,500	40,000	13.00	11.00	1,600	6497609
	CAPT4961*4A*	A*EH800805C*A*	54,500	38,500	13.00	11.00	1,675	6944934
	CAPT4961*4A*	A*EH801005C*A*	55,000	39,000	13.00	11.00	1,625	6944936
	CAPT4961*4A*+MBVC2000**-1A*		56,000	40,000	13.50	11.50	1,625	5527435
	CHPF4860D6D*+EEP+TXV		55,500	39,500	13.00	11.00	1,500	5604754
	CHPF4860D6D*+MBVC2000**-1A*+TXV		56,000	40,000	13.50	11.50	1,625	3688586
	CHPF4860D6D*+TXV	A*VC80805C*B*	55,500	39,500	13.00	11.00	1,800	5038849
	CHPF4860D6D*+TXV	G*VC80805C*B*	55,500	39,500	13.00	11.00	1,800	5038946
	CHPF4860D6D*+TXV	G*E81005C*B*	55,000	39,000	13.30	11.20	1,720	5039194
	CHPF4860D6D*+TXV	A*VC81005C*B*	55,500	39,500	13.00	11.00	1,800	5039148
	CHPF4860D6D*+TXV	G*E80805C*B*	54,500	38,500	13.30	11.20	1,650	5039181
	CHPF4860D6D*+TXV	G*VC950905DXB*	55,500	39,500	13.20	11.00	1,700	5621085
	CHPF4860D6D*+TXV	G*VM960805CXB*	55,000	39,000	13.00	11.00	1,700	5621097
	CHPF4860D6D*+TXV	G*VM960805DXB*	56,500	40,000	13.00	11.00	1,700	5621100
	CHPF4860D6D*+TXV	G*VM961005DXB*	55,000	39,000	13.00	11.00	1,620	5621103
	CHPF4860D6D*+TXV	G*VC950905CXB*	55,000	39,000	13.00	11.00	1,700	5621082
	CHPF4860D6D*+TXV	G*VC951155DXB*	55,000	39,000	13.00	11.00	1,620	5621092
	CHPF4860D6D*+TXV	G*VM961155DXB*	55,000	39,000	13.40	11.30	1,620	5621106
	CHPF4860D6D*+TXV	A*VM961005DXB*	56,500	40,000	13.00	11.00	1,620	6497617
	CHPF4860D6D*+TXV	A*VM961155DXB*	56,500	40,000	13.40	11.30	1,620	6497618
	CHPF4860D6D*+TXV	A*VC950905CXB*	56,500	40,000	13.00	11.00	1,700	6497612
	CHPF4860D6D*+TXV	A*VC950905DXB*	57,000	40,500	13.20	11.00	1,700	6497613
	CHPF4860D6D*+TXV	A*VM960805DXB*	56,500	40,000	13.00	11.00	1,700	6497616
	CHPF4860D6D*+TXV	A*VC951155DXB*	56,500	40,000	13.00	11.00	1,620	6497614
	CHPF4860D6D*+TXV	G*VC81005C*B*	55,500	39,500	13.00	11.00	1,800	5038848
	CHPF4860D6D*+TXV	A*VM960805CXB*	56,500	40,000	13.00	11.00	1,700	6497615
	CHPF4860D6D*+TXV	A*EH800805C*A*	54,500	38,500	13.30	11.20	1,650	6944938
	CHPF4860D6D*+TXV	A*EH801005C*A*	55,000	39,000	13.30	11.20	1,720	6944940
	CSCF4860N6D*+EEP		54,000	38,500	13.00	11.00	1,600	5446159
	CSCF4860N6D*+MBVC2000**-1A*		53,500	38,000	13.50	11.50	1,650	4767698

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# AHRI RATINGS (CONT.)

OUTDOOR	INDOOR UNITS			COOLING	RATINGS		CENA	Alibi #
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	ARPT48D14A*		54,500	37,400	13.00	11.00	1,500	5586528
0611A*	ARPT60D14A*		55,000	37,600	13.00	11.00	1,500	5586693
	ARUF48D14A*		54,500	37,400	13.00	11.00	1,500	5586533
	ARUF60D14A*		55,000	37,600	13.00	11.00	1,500	5586696
	ASPT60D14A*		56,000	38,500	14.00	11.50	1,600	5722560
	ASUF49C14A*		51,500	35,200	13.00	11.00	1,435	5620413
	ASUF49C14A*+TXV		51,500	35,200	13.20	11.00	1,435	5620412
	ASUF59D14A*		56,000	38,500	13.50	11.00	1,580	560018
	ASUF59D14A*+TXV		56,000	38,500	14.00	11.50	1,600	572260
	AVPTC60D14A*		56,000	38,500	14.00	11.50	1,620	592434
	CA*F4860*6D*+EEP		55,000	37,600	13.00	11.00	1,500	558653
	CA*F4860*6D*+MBVC2000**-1A*		56,000	38,500	13.50	11.50	1,575	558653
	CA*F4860*6D*+MBVC2000**-1A*+TXV		56,000	38,500	14.00	11.50	1,575	558654
	CA*F4860*6D*+TXV	GME951005DXA*	55,000	37,600	13.50	11.00	1,500	558657
	CA*F4860*6D*+TXV	ADVC80805C*B*	55,500	38,000	13.00	11.00	1,500	558655
	CA*F4860*6D*+TXV	G*VC81005C*B*	55,500	38,000	13.50	11.00	1,520	558656
	CA*F4860*6D*+TXV	GME950805CXA*	55,000	37,600	13.00	11.00	1,475	558657
	CA*F4860*6D*+TXV	G*VC80805C*B*	55,500	38,000	13.50	11.00	1,520	558672
	CA*F4860*6D*+TXV	ADVC81005C*B*	55,500	38,000	13.00	11.00	1,550	558671
	CA*F4860*6D*+TXV	G*E81005C*B*	55,000	37,600	13.50	11.00	1,525	558671
	CA*F4860*6D*+TXV	A*VC81005C*B*	55,500	38,000	13.50	11.00	1,520	558654
	CA*F4860*6D*+TXV	A*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	562112
	CA*F4860*6D*+TXV	G*VM960805CXB*	55,500	38,000	13.00	11.00	1,460	562114
	CA*F4860*6D*+TXV	G*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	562112
	CA*F4860*6D*+TXV	G*VC951155DXB*	55,000	37,600	13.00	11.00	1,550	562113
	CA*F4860*6D*+TXV	A*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	562115
	CA*F4860*6D*+TXV	A*VM961005DXB*	55,000	37,600	13.50	11.00	1,550	562116
	CA*F4860*6D*+TXV	G*VM961155DXB*	55,000	37,600	13.50	11.00	1,550	562117
	CA*F4860*6D*+TXV	A*VC950905CXB*	55,500	38,000	13.00	11.00	1,460	562110
	CA*F4860*6D*+TXV	G*VC950905DXB*	55,500	38,000	13.50	11.00	1,460	562111
	CA*F4860*6D*+TXV	A*VC950905DXB*	55,500	38,000	13.50	11.00	1,460	562111
	CA*F4860*6D*+TXV	A*VC951155DXB*	55,000	37,600	13.00	11.00	1,550	562113
	CA*F4860*6D*+TXV	G*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	562115
	CA*F4860*6D*+TXV	G*VM961005DXB*	55,000	37,600	13.50	11.00	1,550	562116
	CA*F4860*6D*+TXV	G*E80805C*B*	55,500	38,000	13.00	11.00	1,550	558656
	CA*F4860*6D*+TXV	A*VC80805C*B*	55,500	38,000	13.50	11.00	1,520	558670
	CA*F4860*6D*+TXV	G*VC950905CXB*	55,500	38,000	13.00	11.00	1,460	562110
	CA*F4860*6D*+TXV	A*VM960805CXB*	55,500	38,000	13.00	11.00	1,460	562114
	CA*F4860*6D*+TXV	A*VM961155DXB*	55,000	37,600	13.50	11.00	1,550	562117
	CA*F4860*6D*+TXV	A*EH800805C*A*	55,500	38,000	13.00	11.00	1,550	694494
	CA*F4860*6D*+TXV	A*EH801005C*A*	55,000	37,600	13.50	11.00	1,525	694494
	CA*F4860*6D*+TXV	AMEH960805CXA*	55,000	37,600	13.00	11.00	1,475	694494
	CA*F4860*6D*+TXV	AMEH961005DXA*	55,000	37,600	13.50	11.00	1,500	694494
	CA*F4961*6D*+EEP		56,500	38,500	13.00	11.00	1,500	558658
	CA*F4961*6D*+MBVC2000**-1A*		57,000	39,000	14.00	11.50	1,575	558685
	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,000	39,000	14.50	12.00	1,575	558658
	CA*F4961*6D*+TXV	ADVC80805C*B*	57,000	39,000	13.50	11.00	1,500	558660
	CA*F4961*6D*+TXV	ADVC81005C*B*	57,000	39,000	13.50	11.00	1,550	558660
	CA*F4961*6D*+TXV	G*E81005C*B*	56,000	38,500	14.00	11.50	1,525	558660
	CA*F4961*6D*+TXV	G*E80805C*B*	56,000	38,500	14.00	11.50	1,550	558660

UTDOOR	INDOOR UNITS			COOLING	RATINGS		CENA	AHRI#
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI #
GSX13	CA*F4961*6D*+TXV	G*VC80805C*B*	56,500	38,500	14.00	11.50	1,520	558661
0611A*	CA*F4961*6D*+TXV	G*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	558661
	CA*F4961*6D*+TXV	GME950805CXA*	56,000	38,500	13.50	11.00	1,475	558662
	CA*F4961*6D*+TXV	GME951005DXA*	56,000	38,500	14.00	11.50	1,500	558662
	CA*F4961*6D*+TXV	A*VC950905CXB*	56,500	38,500	13.50	11.00	1,460	562110
	CA*F4961*6D*+TXV	G*VC950905CXB*	56,500	38,500	13.50	11.00	1,460	562111
	CA*F4961*6D*+TXV	A*VC950905DXB*	56,500	38,500	14.00	11.50	1,460	562111
	CA*F4961*6D*+TXV	G*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	562114
	CA*F4961*6D*+TXV	G*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	562113
	CA*F4961*6D*+TXV	A*VM961155DXB*	56,000	38,500	14.00	11.50	1,550	562117
	CA*F4961*6D*+TXV	G*VC950915DXB*	56,000	38,500	13.50	11.00	1,575	562112
	CA*F4961*6D*+TXV	A*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	562113
	CA*F4961*6D*+TXV	A*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	562114
	CA*F4961*6D*+TXV	G*VM961155DXB*	56,000	38,500	13.50	11.00	1,550	562117
	CA*F4961*6D*+TXV	G*VC950905DXB*	56,500	38,500	14.00	11.50	1,460	562111
	CA*F4961*6D*+TXV	A*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	558659
	CA*F4961*6D*+TXV	G*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	562110
	CA*F4961*6D*+TXV	A*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	562110
	CA*F4961*6D*+TXV	A*VC950915DXB*	56,000	38,500	13.50	11.00	1,575	562112
	CA*F4961*6D*+TXV	A*VM960805DXB*	56,500	38,500	13.50	11.00	1,460	56211
	CA*F4961*6D*+TXV	A*VC80805C*B*	56,500	38,500	14.00	11.50	1,520	55865
	CA*F4961*6D*+TXV	G*VC91155DXA*	56,000	38,500	13.00	11.00	1,550	55931
	CA*F4961*6D*+TXV	G*VM960805DXB*	56,500	38,500	13.50	11.00	1,460	56211
	CA*F4961*6D*+TXV	A*EH800805C*A*	56,000	38,500	14.00	11.50	1,550	69449
	CA*F4961*6D*+TXV	A*EH801005C*A*	56,000	38,500	14.00	11.50	1,525	69449
	CA*F4961*6D*+TXV	AMEH960805CXA*	56,000	38,500	13.50	11.00	1,475	69449
	CA*F4961*6D*+TXV	AMEH961005DXA*	56,000	38,500	14.00	11.50	1,500	69449
	CAPT4961*4A*	ADVC80805C*B*	57,000	39,000	13.50	11.00	1,500	55866
	CAPT4961*4A*	ADVC81005C*B*	57,000	39,000	13.50	11.00	1,550	558664
	CAPT4961*4A*	G*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	55866
	CAPT4961*4A*	A*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	55866
	CAPT4961*4A*	G*E81005C*B*	56,000	38,500	14.00	11.50	1,525	55866!
	CAPT4961*4A*	A*VC80805C*B*	56,500	38,500	14.00	11.50	1,520	55866
	CAPT4961*4A*	G*VC80805C*B*	56,500	38,500	14.00	11.50	1,520	55866
	CAPT4961*4A*	G*VC91155DXA*	56,000	38,500	13.50	11.00	1,550	55931:
	CAPT4961*4A*	A*VC950905CXB*	56,500	38,500	13.50	11.00	1,460	56211
	CAPT4961*4A*	A*VC950915DXB*	56,000	38,500	13.50	11.00	1,575	562112
	CAPT4961*4A*	G*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	562114
	CAPT4961*4A*	A*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	562110
	CAPT4961*4A*	A*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	562113
	CAPT4961*4A*	G*VM961155DXB*	56,000	38,500	13.50	11.00	1,550	56211
	CAPT4961*4A*	G*VM960805DXB*	56,500	38,500	13.50	11.00	1,460	562115
	CAPT4961*4A*	G*VC950905DXB*	56,500	38,500	14.00	11.50	1,460	562112
	CAPT4961*4A*	A*VM960805DXB*	56,500	38,500	13.50	11.00	1,460	562115
	CAPT4961*4A*	G*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	562116
	CAPT4961*4A*	A*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	56211
	CAPT4961*4A*	A*VM961155DXB*	56,000	38,500	14.00	11.50	1,550	56211
	CAPT4961*4A*	G*E80805C*B*	56,000	38,500	14.00	11.50	1,550	558664
	CAPT4961*4A*	GME950805CXA*		38,500	13.50			558660
	CAPT4961*4A*	GME951005DXA*	56,000 56,000	38,500	14.00	11.00 11.50	1,475 1,500	558666

See Notes on Page 38.

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OUTDOOR	INDOOR UNITS		COOLING						
UNIT	Coils/Air Handlers	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#	
GSX13	CAPT4961*4A*	G*VC950905CXB*	56,500	38,500	13.50	11.00	1,460	5621112	
0611A*	CAPT4961*4A*	A*VC950905DXB*	56,500	38,500	14.00	11.50	1,460	5621120	
	CAPT4961*4A*	G*VC950915DXB*	56,000	38,500	13.50	11.00	1,575	5621130	
	CAPT4961*4A*	G*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	5621149	
	CAPT4961*4A*	A*EH800805C*A*	56,000	38,500	14.00	11.50	1,550	6944958	
	CAPT4961*4A*	A*EH801005C*A*	56,000	38,500	14.00	11.50	1,525	6944960	
	CAPT4961*4A*	AMEH960805CXA*	56,000	38,500	13.50	11.00	1,475	6944962	
	CAPT4961*4A*	AMEH961005DXA*	56,000	38,500	14.00	11.50	1,500	6944964	
	CAPT4961*4A*+EEP		56,500	38,500	13.50	11.00	1,500	5586770	
	CAPT4961*4A*+MBVC2000**-1A*		57,000	39,000	14.50	12.00	1,575	5586672	
	CHPF4860D6D*+EEP		56,000	38,500	13.00	11.00	1,500	5586675	
	CHPF4860D6D*+MBVC2000**-1A*		57,000	39,000	14.00	11.50	1,575	5586900	
	CHPF4860D6D*+MBVC2000**-1A*+TXV		57,000	39,000	14.00	11.50	1,575	5586773	
	CHPF4860D6D*+TXV	G*VC80805C*B*	56,000	38,500	14.00	11.50	1,520	5586808	
	CHPF4860D6D*+TXV	GME951005DXA*	56,000	38,500	14.00	11.50	1,500	5586687	
	CHPF4860D6D*+TXV	A*VC80805C*B*	56,000	38,500	14.00	11.50	1,520	5586776	
	CHPF4860D6D*+TXV	G*E81005C*B*	56,000	38,500	14.00	11.50	1,525	5586805	
	CHPF4860D6D*+TXV	G*E80805C*B*	56,000	38,500	14.00	11.50	1,550	5586802	
	CHPF4860D6D*+TXV	G*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	5586811	
	CHPF4860D6D*+TXV	G*VC950905CXB*	56,000	38,500	13.50	11.00	1,460	5621114	
	CHPF4860D6D*+TXV	A*VC950905DXB*	56,000	38,500	14.00	11.50	1,460	5621122	
	CHPF4860D6D*+TXV	G*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	5621161	
	CHPF4860D6D*+TXV	A*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	5621141	
	CHPF4860D6D*+TXV	A*VM961155DXB*	56,000	38,500	14.00	11.50	1,550	5621180	
	CHPF4860D6D*+TXV	G*VC951155DXB*	56,000	38,500	14.00	11.50	1,550	5621142	
	CHPF4860D6D*+TXV	A*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	5621160	
	CHPF4860D6D*+TXV	G*VM961155DXB*	55,000	37,600	13.50	11.00	1,550	5621181	
	CHPF4860D6D*+TXV	G*VC950905DXB*	56,500	38,500	14.00	11.50	1,460	5621123	
	CHPF4860D6D*+TXV	A*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	5621150	
	CHPF4860D6D*+TXV	A*VC81005C*B*	56,500	38,500	14.00	11.50	1,520	5586779	
	CHPF4860D6D*+TXV	G*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	5621171	
	CHPF4860D6D*+TXV	G*VC91155DXA*	56,000	38,500	13.00	11.00	1,550	5593118	
	CHPF4860D6D*+TXV	A*VC950905CXB*	56,000	38,500	13.50	11.00	1,460	5621113	
	CHPF4860D6D*+TXV	A*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	5621131	
	CHPF4860D6D*+TXV	G*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	5621132	
	CHPF4860D6D*+TXV	G*VM960805CXB*	56,500	38,500	13.50	11.00	1,460	5621151	
	CHPF4860D6D*+TXV	A*VM961005DXB*	56,000	38,500	14.00	11.50	1,550	5621170	
	CHPF4860D6D*+TXV	GME950805CXA*	56,000	38,500	13.00	11.00	1,475	5586684	
	CHPF4860D6D*+TXV	A*EH800805C*A*	56,000	38,500	14.00	11.50	1,550	6944966	
	CHPF4860D6D*+TXV	A*EH801005C*A*	56,000	38,500	14.00	11.50	1,525	6944968	
	CHPF4860D6D*+TXV	AMEH960805CXA*	56,000	38,500	13.00	11.00	1,475	6944970	
	CHPF4860D6D*+TXV	AMEH961005DXA*	56,000	38,500	14.00	11.50	1,500	6944972	
	CSCF4860N6D*+EEP	71112113010032701	55,000	37,600	13.00	11.00	1,500	5589903	
	CSCF4860N6D*+MBVC2000**-1A*		56,000	38,500	13.50	11.50	1,575	5589906	
	CSCF4860N6D*+MBVC2000**-1A*+TXV		56,000	38,500	14.00	11.50	1,575	5586690	
	CSCF4860N6D*+TXV	A*VC80805C*B*	56,500	38,500	13.50	11.50	1,520	5589909	
	CSCF4860N6D*+TXV	GME950805CXA*	55,000	37,600	13.00	11.00	1,475	5589954	
	CSCF4860N6D*+TXV	G*VC80805C*B*			13.50			5589936	
			56,500 55,500	38,500 38,000		11.50	1,520		
	CSCF4860N6D*+TXV CSCF4860N6D*+TXV	A*VC81005C*B* G*VC81005C*B*	55,500 55,500	38,000	13.50 13.50	11.00 11.00	1,520 1,520	5589912 5589939	

OUTDOOR UNIT	INDOOR UNITS		COOLING	CENA	A11D1 #			
	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
GSX13	CSCF4860N6D*+TXV	GME951005DXA*	55,000	37,600	13.50	11.00	1,500	5589957
0611A*	CSCF4860N6D*+TXV	A*VC950905CXB*	55,000	37,600	13.50	11.00	1,475	5621115
	CSCF4860N6D*+TXV	A*VC950905DXB*	55,000	37,600	13.50	11.00	1,475	5621124
	CSCF4860N6D*+TXV	G*VM960805CXB*	55,500	38,000	13.00	11.00	1,460	5621153
	CSCF4860N6D*+TXV	G*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	5621163
	CSCF4860N6D*+TXV	A*VM960805CXB*	55,500	38,000	13.00	11.00	1,460	5621152
	CSCF4860N6D*+TXV	G*VM961005DXB*	55,000	37,600	13.50	11.00	1,550	5621173
	CSCF4860N6D*+TXV	A*VM961155DXB*	55,000	37,600	13.50	11.00	1,550	5621182
	CSCF4860N6D*+TXV	A*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	5621133
	CSCF4860N6D*+TXV	G*VC950915DXB*	55,000	37,600	13.00	11.00	1,575	5621134
	CSCF4860N6D*+TXV	A*VM960805DXB*	55,500	38,000	13.00	11.00	1,460	5621162
	CSCF4860N6D*+TXV	G*VM961155DXB*	55,000	37,600	13.50	11.00	1,550	5621183
	CSCF4860N6D*+TXV	G*E80805C*B*	54,500	37,400	13.00	11.00	1,550	5586829
	CSCF4860N6D*+TXV	G*E81005C*B*	55,500	38,000	13.50	11.00	1,525	5589933
	CSCF4860N6D*+TXV	A*VC951155DXB*	55,000	37,600	13.50	11.00	1,550	5621143
	CSCF4860N6D*+TXV	A*EH800805C*A*	54,500	37,400	13.00	11.00	1,550	6944974
	CSCF4860N6D*+TXV	A*EH801005C*A*	55,500	38,000	13.50	11.00	1,525	6944976
	CSCF4860N6D*+TXV	AMEH960805CXA*	55,000	37,600	13.00	11.00	1,475	6944978
	CSCF4860N6D*+TXV	AMEH961005DXA*	55,000	37,600	13.50	11.00	1,500	6944980
	CSCF4860N6D*+TXV	A*VM961005DXB*	55,000	37,600	13.50	11.00	1,550	5621172

<sup>1</sup> BTU/h

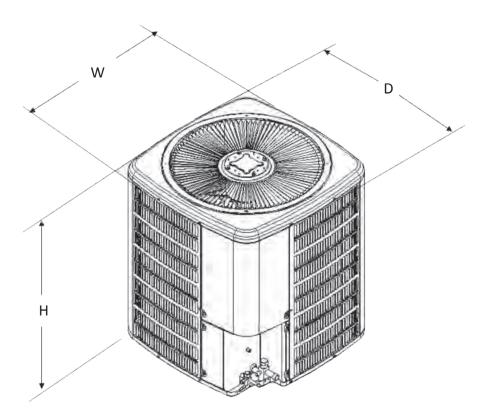
#### Notes

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

<sup>&</sup>lt;sup>2</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

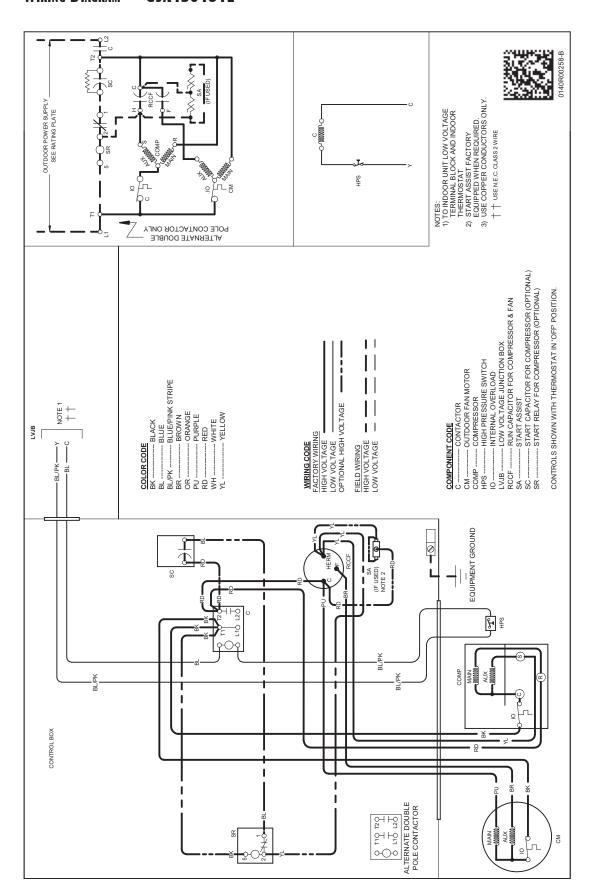
<sup>&</sup>lt;sup>3</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

#### **D**IMENSIONS



Money	DIMENSIONS							
MODEL	W"	D"	Н"					
GSX130181E*	23	23	25¾					
GSX130241D*	23	23	25¾					
GSX130301B*	26	26	27½					
GSX130361C*	29	29	28¾					
GSX130361E*	26	26	27½					
GSX130421B*	29	29	36¼					
GSX130481B*	29	29	36¼					
GSX130601B*	29	29	40					
GSX130611A*	35½	35½	38¼					

#### Wiring Diagram — GSX130181E



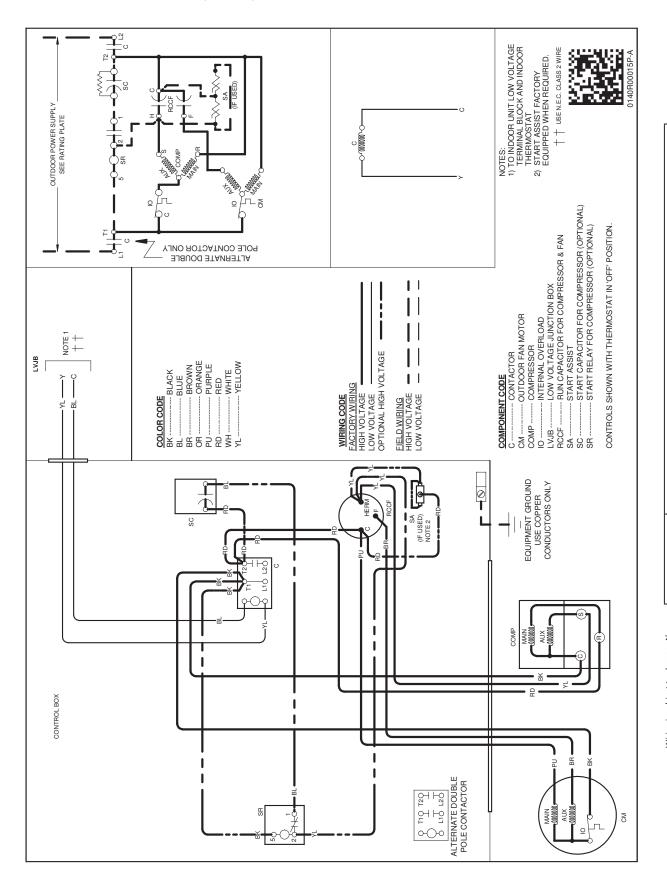


**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

#### WIRING DIAGRAM — GSX130(30-60)1B/C/E\*

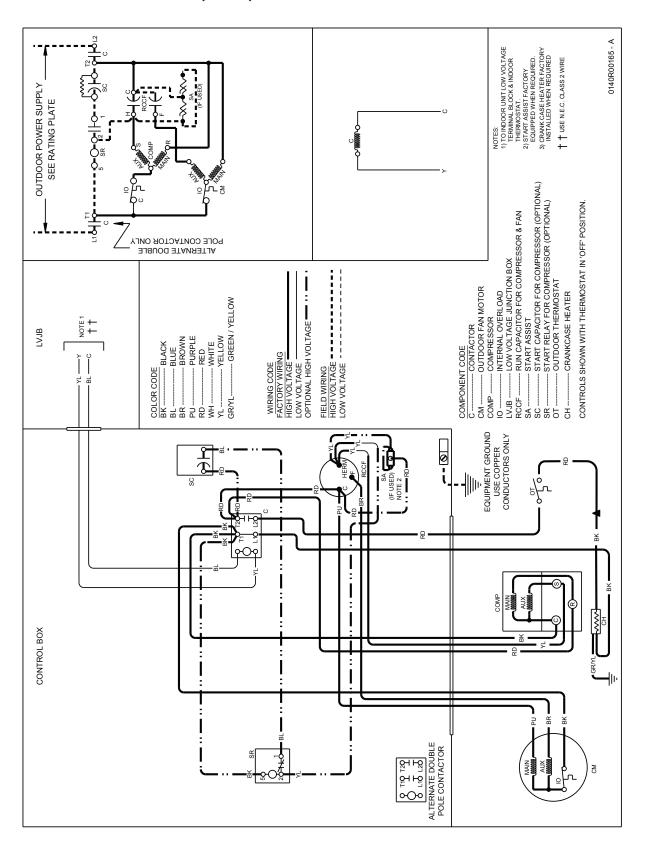


**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

NARNING

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

#### WIRING DIAGRAM — GSX130(18-24)1D\*

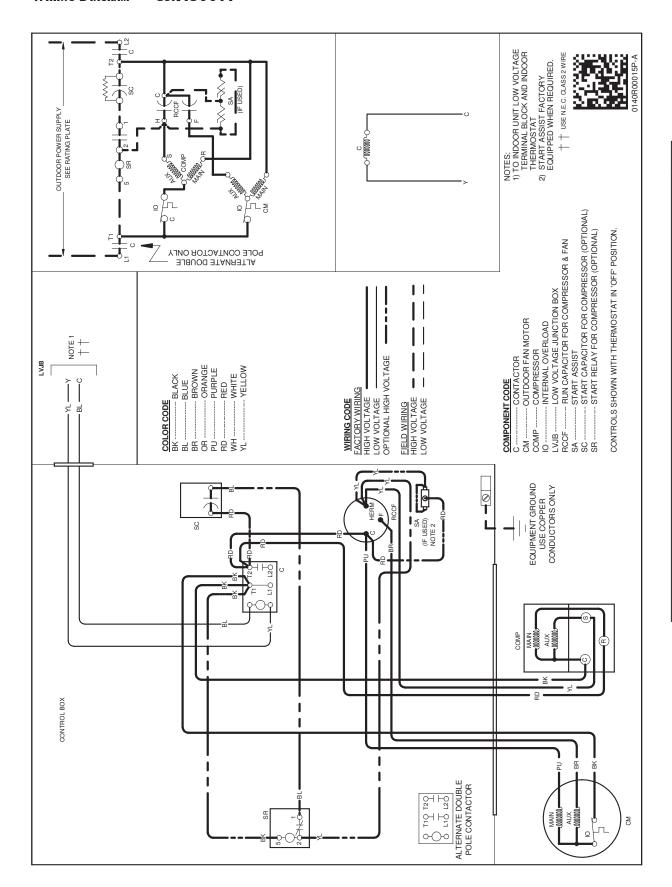


Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING Source

**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

#### Wiring Diagram — GSX130611\*





MARNING WARNING

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

#### Accessories

MODEL	DESCRIPTION	GSX13 018D*	GSX13 018E*	GSX13 024C*	GSX13 024D*	GSX13 030B*	GSX13 036**	GSX13 042B*	GSX13 048B*	GSX13 060B*	GSX13 061A*
ABK-20	Anchor Bracket Kit ^		Х	Х		Х	Х	Х	Х	Х	Х
ABK-21	Anchor Bracket Kit ^	Х			Х						
ASC-01	Anti-Short Cycle Kit	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
CSR-U-1	Hard-start Kit		Х	Х	Х	Х	Х	Х	Х	Х	Х
CSR-U-2	Hard-start Kit	Х									
CSR-U-3	Hard-start Kit										
FSK01A <sup>1</sup>	Freeze Protection Kit	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
LSK02A <sup>2</sup>	Liquid Line Solenoid Kit	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TX2N4 <sup>2</sup>	TXV Kit	Х	Х								
TX2N4A <sup>2</sup>	TXV Kit	Х	Х	Х	Х						
TX3N4²	TXV Kit					Х	Х				
TX5N4 <sup>2</sup>	TXV Kit							Х	Х	Х	Х

<sup>^</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

Installed on indoor coil

<sup>&</sup>lt;sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.